ASTI Feynman Challenge

REPORT 2025

ASSOCIATION OF SCIENCE, TECHNOLOGY & INNOVATION

ASTI Feynman Challenge

REPORT 2025

ASTI Feynman Challenge (AFC) 2025 Report

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Our Heartfelt Thanks!

Ministry of Education (MOE)

State Education Department (JPN)

A Generous Anonymous Funder

Headmasters/Headmistress

Teachers

Parents

Mentors

Participants

Committee Members

And

To all the Judges

ASTI Feynman Challenge (AFC) 2025 Working Group Committee

Project Advisor:
Dr. Mohamed Yunus Yasin

Project Director:
Mr. Rajeswara Rao Apparow

ASTI Secretariat Representative:
Ms. Vanitha Vasu
Ms. Caroline Maria

Chief Judge:
Dr. Kumaran Gengatharan

Working Group Committee Member:
Ms. Angeline Chong Suet Kee

EXECUTIVE SUMMARY

The Association of Science, Technology, and Innovation (ASTI) successfully conducted the ASTI Feynman Challenge (AFC) 2025, an innovative online learning competition designed to promote the learning process through the Feynman Technique. Initially launched in 2020 during the COVID-19 lockdown, the AFC has evolved into an innovative platform that empowers students to learn science creatively and collaboratively anywhere, be it in school or at home. The competition remains open to all communities and continues to inspire participants to explain scientific principles and concepts in simple and engaging ways.

In AFC 2025, each team - comprising a minimum of two participants was required to choose a scientific principle and explain it using a self-developed teaching tool or method. These tools or methods were developed using easily available materials at home or school. Participants recorded their explanations in short videos, not exceeding five minutes, which were then uploaded to YouTube for evaluation.

The competition was divided into three age-based categories: Category 1 (ages 10–12), Category 2 (ages 13–17) and Category 3 (ages 18 and above). The top five winners in each category received cash prizes, while three Special Inclusivity Award were presented to teams that demonstrated extraordinary effort, creativity, or resilience in overcoming challenges.

Once funding was secured, ASTI launched an extensive promotional campaign beginning on 7 May 2025, using its website and social media platforms. A dedicated AFC webpage was created at https://www.asti.org.my/afc2025/, providing access to project details, terms & conditions and six comprehensive learning modules, which included introduction to the Feynman Technique, video submission guidelines, and judging criteria.

The competition received an overwhelming response, with 731 teams registering from six countries—Malaysia, Thailand, Brunei Darussalam, the Philippines, Singapore, and Indonesia. Due to the enthusiastic participation, ASTI extended the registration and submission deadlines. By the final submission date of 18 July 2025, a total of 553 videos were received, demonstrating impressive creativity, scientific insight and the eagerness to learn among young people.

A total of 192 judges assessed the submissions over two weeks using a standardized evaluation rubric. The winners were finalized through a Zoom meeting and officially announced on 8 October 2025.

Participants feedback collected via Google Forms indicated high satisfaction and positive learning experiences. The AFC 2025 successfully strengthened community engagement, encouraged teamwork, and promoted scientific learning beyond the classroom. ASTI extends its heartfelt gratitude to all participants, teachers, judges, and sponsor, and looks forward to continuing this impactful educational journey in AFC 2026.

01 INTRODUCTION

ASTI is a non-profit, non-governmental organization (NGO) that aims to empower young children through science and skills-development projects. Some of its main programmes include the Science Fair for Young Children (SFYC), Young Inventors Challenge (YIC), Creative and Critical Thinking Camps/Workshops (CCT), ASTI Leap Challenge (ALC), and the A-PLUS Programme. ASTI also conducts teacher training programmes, such as the *On the Wings of Fire* series, to help teachers improve their skills and learn new teaching methods needed in today's fast-changing world. In addition, ASTI organizes outreach programmes throughout the year to support and promote science education among students.

The ASTI Feynman Challenge (AFC) was developed during the COVID-19 lockdown in 2020 as a way to ensure that learning continued despite the difficult circumstances. Conducted fully online, the competition welcomed participation from diverse communities, including families, refugees, orphanages, and more. At AFC, we believe that the process of learning should never come to a halt, no matter what the circumstances. As Eric Hoffer once said, *"In a time of drastic change, it is the learners who inherit the future, while the learned find themselves equipped to live in a world that no longer exists."*

The ASTI Feynman Challenge (AFC) brings together teams of 2–5 students to creatively explain scientific principles they have learned in school through a teaching tool or teaching method. These tools or methods should be developed using simple, everyday objects that can easily be found at home. Each team is required to record a video, no longer than five minutes, demonstrating and explaining the scientific concept with their chosen tool or method. The videos, which can be recorded using a mobile phone, are then uploaded to a YouTube channel created by the participants themselves.

The learning approach behind the ASTI Feynman Challenge is inspired by the Feynman Technique, developed by Nobel Prize winning physicist Richard Feynman. This technique can be summarized in four simple steps:

1. Select a concept you want to learn.
2. Explain it as if teaching a young learner with no prior knowledge of the topic.
3. Identify gaps in your explanation and revisit the source material to strengthen your understanding.
4. Review and simplify your explanation until it is clear and easy to grasp.

In AFC, there is an added step between steps 1 and 2 which is; STEP 1.5. Develop a teaching tool or teaching method to teach the concept.

There are two (2) types of knowledge: knowing about something and just knowing its name. The Feynman Technique focuses on truly understanding something. The explanation should be made as simple as possible so that any layman or young person, can easily understand the scientific concept being explained.

02 METHODOLOGY AND TIMELINE

Due to the overwhelming response received for the AFC over the past 5 years, ASTI decided to launch the programme for the 6th time in 2025.

The competition was divided into 3 categories based on age, as shown below:

Category 1 : Age of 10-12
Category 2: Age of 13-17
Category 3: Above 18

The prizes for each of the categories above are as follows:

Champion	: RM 700.00
1st Runner Up	: RM 500.00
2nd Runner Up	: RM 300.00
4th Place Winner	: RM 200.00
5th Place Winner	: RM 100.00

There were also three Special Inclusivity Awards given to teams that showed outstanding talent or managed to complete their video despite facing great difficulties. Each Special Inclusivity Award recipient received RM500.00.

ASTI developed the Implementation Process as below:

1. Project Development and Financing
2. Poster, Module and Webpage Development
3. Promotion via Poster and Video
4. Participants Registration
5. Judges Briefing and Refinement of the Judging method
6. Video Preparation by participants
7. Video Submission by participants
8. Video marking and finalising the winners
9. Winners' announcement
10. Distribution of Certificates and Prizes

The AFC implementation timeline is as follows:

Timeline	Activity
January-March 2025	Proposal and Funding
April 2025	Poster Design, Modules Development, Webpage Creation
7 May 2025	Online Launching
7 May 2025	Publish the Poster and Modules and Promotions
7 May 2025	Briefing Video
18 June 2025	AFC 2025 Training Video 1: Mastering the Feynman Technique
2 July 2025	AFC 2025 Training Video 2: Judging Criteria Guideline
7 May 2025 - 16 June 2025 Extended Until 23 June 2025	Registration Deadline
17 June 2025 - 14 July 2025 Extended Until 18 July	Video Submission Deadline
8 August to 21 August 2025	Video Marking by Judges
8 September 2025 9 September 2025 11 September 2025	Review of Selected videos by Judging panel for each category
8 October 2025	Announcement of The Winners
October 2025	Distribution of Winning Prizes and E-Certificates

Table 1: AFC 2025 Timeline

03 SUMMARY OF IMPLEMENTATION

Project Development and Financing

ASTI successfully developed a project proposal to be shared with potential funders in order to seek sponsorship.

Publicity Poster Development

After the funding was secured, a publicity poster was developed. The publicity poster content was written, checked for accuracy, and then sent to the designer for layout design. The final poster is shown in the image below:

Module Development

The Association of Science, Technology and Innovation (ASTI) developed the Terms and Conditions and 6 modules to serve as guidelines for the participants. The lists are shown below:

Terms and Conditions

The objective of the Terms and Conditions was

- To outline the rules and regulations about the competition and all the requirements that participants needed to follow for the competition.

Module 1_ How To Do A Video and Work With Your Child In Meaningful Way

The objectives of this module were:

- To give participants an idea of how to produce their video.
- To encourage participants to explore the internet to gather ideas for their project.
- To show how parents can work and learn together with their children in a meaningful way.

Module 2_ What is the Feynman Technique

The objective of this module was:

- To introduce the Feynman Technique for learning.

Module 3_Teaching Method and Developing a Lesson

The objectives of this module were:

- To help non-teacher facilitators (such as parents, older siblings, or guardians) conduct teaching or facilitation more effectively.
- To guide them in developing their teaching plan for the video presentation.

The teaching method and developing a lesson module aims to:

1. Identify the characteristics of the learners.
2. Accommodate various learning styles.
3. Conduct demonstrations and explanations using appropriate skills, tools, or methods they have developed.
4. Identify and apply effective teaching strategies.

Using the information from this module, students were able to create a student-centered classroom (or "virtual classroom"). The module was designed with broader objectives to make the participants' learning experience more meaningful. It was also helpful for non-teacher facilitators, such as parents and older siblings, who could take part in their children's or team's lifelong learning process.

Module 4_Project Management and Planning
The objectives of this module were:

- To understand *what a project is.*
- To understand *project-based learning* as a method of learning.
- To understand the *different phases* and *processes* involved in a project.
- To *develop* and *implement* a project.

Module 5_ How to upload video in YouTube and Video Submission Guideline
The objectives of this module were:

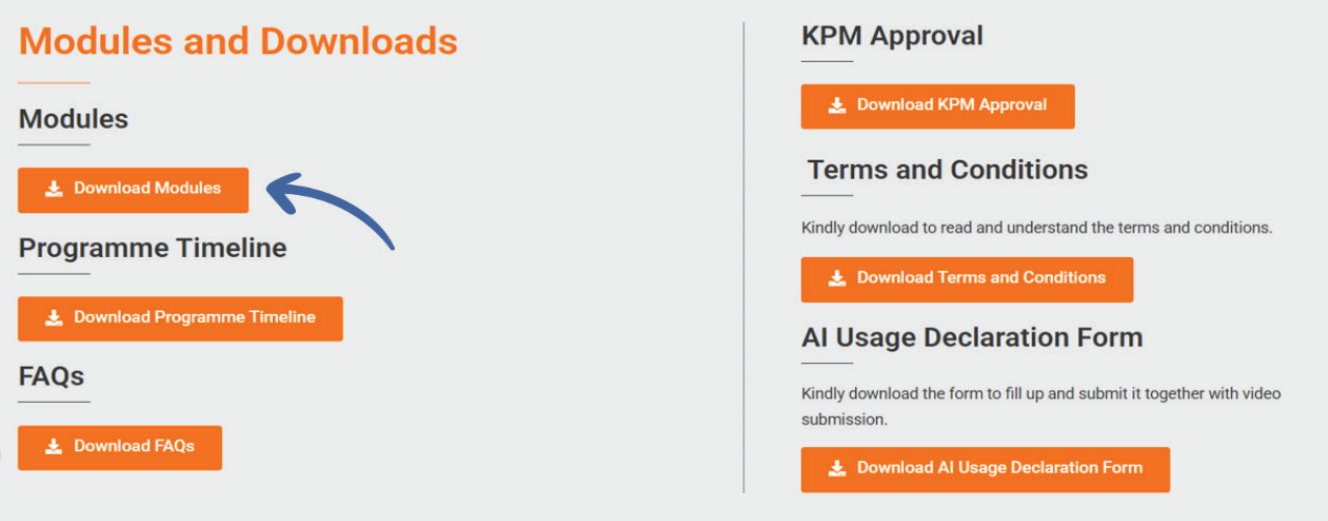
- To understand the *steps to upload a video in YouTube using a mobile app.*
- To understand the *steps to upload a video in YouTube using a computer.*
- To understand the video submission procedures.

This module also aimed to help participants develop the skills needed to become future "YouTubers."

Module 6_ Mastering the Feynman Technique
The objective of this module was:

- To help participants understand and apply the Feynman Technique as an effective method for learning and explaining scientific concepts clearly.

Students were required to download the modules from the AFC 2025 webpage. The webpage is shown below:

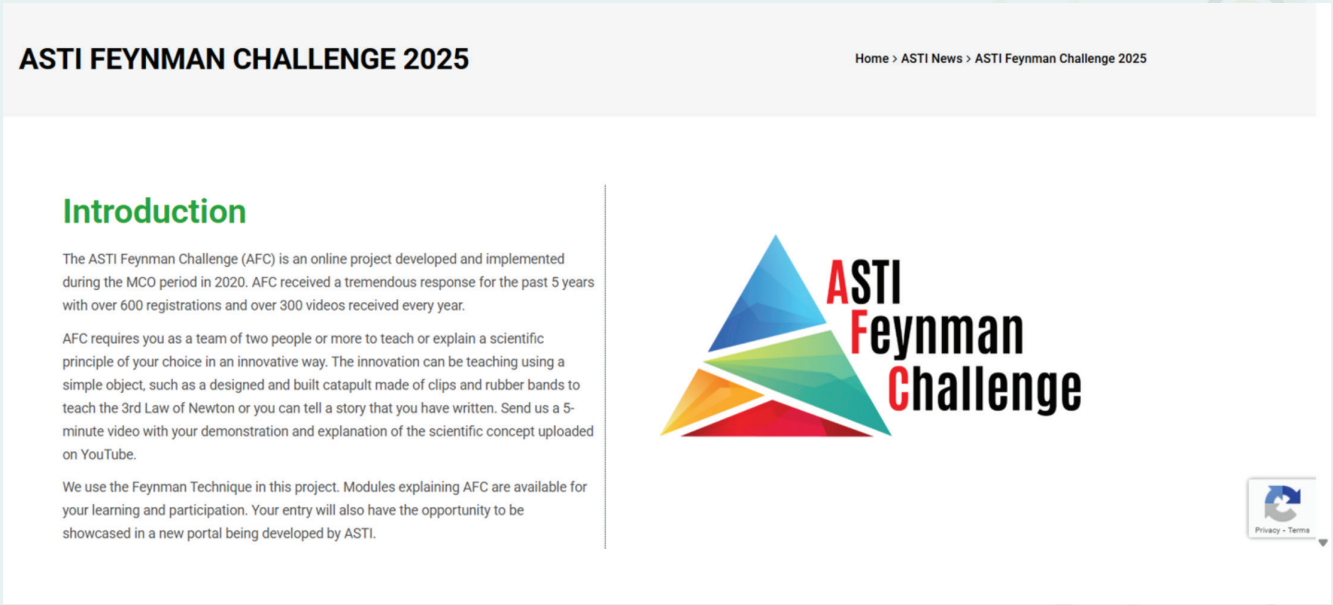


Webpage Development

After completing the poster and module development, a webpage with all the information and participation details was created on ASTI's website. The webpage was available at the following link: https://www.asti.org.my/afc2025/

The webpage had the following items:

- Introduction to ASTI Feynman Challenge
- Registration for ASTI Feynman Challenge
- ASTI Feynman Challenge Launch (Video)
- ASTI Feynman Challenge Briefing (Video)
- ASTI Feynman Challenge Online Training (Videos)
- ASTI Feynman Challenge Poster
- Terms and Condition for ASTI Feynman Challenge
- Frequently Asked Questions
- ASTI Feynman Challenge Modules
- ASTI Feynman Challenge Video Submission
- ASTI Feynman Challenge Timeline
- AI Declaration Form for ASTI Feynman Challenge
- ASTI Feynman Challenge Working Group Committee Members



Promotion via Poster and Video

AFC 2025 was officially launched via YouTube Live on 7 May 2025. The publicity poster was also launched and shared on ASTI's website, Facebook page, and Instagram account. In addition, the poster was sent via WhatsApp to teachers and other relevant contacts. ASTI also emailed the information to schools and teachers who had participated in previous ASTI projects such as the Science Fair for Young Children, Young Inventors Challenge, Creative and Critical Thinking Camp/ Workshop, ASTI Leap Challenge, and others. The Ministry of Education also issued a *"Surat Hebahan"* regarding AFC to all primary and secondary schools in Malaysia.


ASTI FEYNMAN
CHALLENGE 2025 IS
OFFICIALLY LAUNCHED


FROM IDEAS TO ACTION
JOIN THE
ASTI FEYNMAN
CHALLENGE 2025

Online Briefing

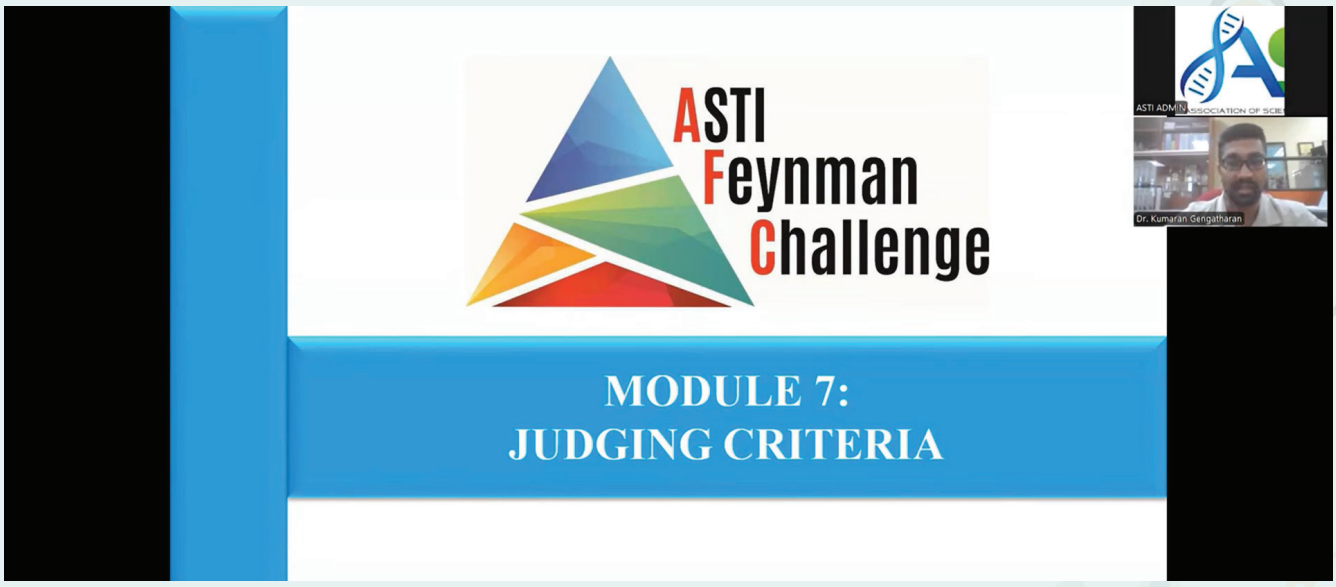
A briefing video was released on 7 May 2025. It was presented by Mr. Rajeswara Rao Apparow, the Project Director of AFC 2025. In the video, he explained the process and procedures for taking part in AFC 2025 and also answered some Frequently Asked Questions.

Online Training 1 & 2

ASTI developed two online training videos this year. The first video, "Mastering the Feynman Technique," was conducted by Ms. Angeline Chong Suet Kee, a member of the AFC Working Group Committee, and was published on 18 June 2025. It focused on understanding and using the Feynman Technique as an effective way to learn and explain scientific concepts. The second video, published on 2 July 2025, was presented by Dr. Kumaran Gengatharan, Chief Judge of AFC 2025, and explained the judging criteria for the competition.

Both training videos were uploaded to ASTI's YouTube channel and shared with participants through email and the Telegram group.

Training Video 1 by Ms. Angeline Chong Suet Kee



Training Video 2 by Dr. Kumaran Gengatharan

Participants Registration

At first, the registration deadline for participants was set for 16 June 2025. However, due to the overwhelming response and requests for an extension, the deadline was extended to 23 June 2025. By 30 June 2025, a total of 731 teams had successfully registered for the competition. The table below shows the registration breakdown by category and country.

Category	Country	Registration
Category 1	Brunei Darussalam	1
	Malaysia	331
	Thailand	5
	Total	**337**
Category 2	Brunei Darussalam	1
	Malaysia	229
	Philippines	13
	Thailand	71
	Singapore	15
	Total	**329**
Category 3	Malaysia	50
	Philippines	1
	Thailand	13
	Indonesia	1
	Total	**65**
	Grand Total	**731**

Table 2: Registration Breakdown by Category and Country

Video Preparation by Participants

Participants were given time from 7 May 2025 to 18 July 2025 to develop a video explaining a scientific principle of their choice.

Video Submission by Participants

As of 18 July 2025, ASTI had received 553 videos on various scientific principles and concepts. Participants were asked to upload their videos to their own YouTube channels and submit the link to ASTI using the Google Form provided. The table below shows the number of videos submitted by category and country.

Category	Country	Video Submission
Category 1	Brunei Darussalam	1
	Malaysia	256
	Thailand	4
	Total	**261**
Category 2	Brunei Darussalam	1
	Malaysia	174
	Philippines	6
	Thailand	49
	Singapore	12
	Total	**242**
Category 3	Malaysia	37
	Philippines	0
	Thailand	11
	Indonesia	2
	Total	**50**
	Grand Total	**553**

Table 3: Number of Videos Submitted by Category and Country

Videos Marking and Finalising the Winners

The compiled videos were sent to the judges for marking from 8 August 2025 to 21 August 2025. The marking was strict and thorough. Each video was assessed by three judges, and the average score was calculated. If the scores given by the first two judges differed greatly, the marks from a third judge were used to reduce the difference and ensure fairer scoring. All the scores were then compiled and analysed to determine the winners.

Winners Announcement

On 8 October 2025, ASTI held a Virtual Winners Announcement via YouTube Live. Below is the poster designed for the Virtual Winners Announcement ceremony.

Category 1: Average Age of 10-12 Years Old

The winners of Category 1 are listed in the table below.

Ranking	Team Name	Country	State	School Name	Participant Name
Champion	Genius Scientia	Malaysia	Sarawak	SK Long Luping	David Rugu Lawrence
					Clara Victoria Joshua
					Cleyzia Rigo Christopher
					Mccasland Bentley Inu
					Sheldon Lester
1st Runner Up	Science Wizards	Malaysia	Selangor	SJKT Rawang	Prannavika A/P Suntharathevan
					Tishah Laxmi A/P Gopalakrishnan
					Shalomi Anisha
2nd Runner Up	Ayesha & Puteri	Malaysia	Melaka	SK Air Baruk, Jasin	Puteri Azra Marissa Binti Megat Ahmad
					Ayesha Binti Khairol Fadhli
4th Place	MMN Stars	Malaysia	Perak	SJKT Methodist, Malim Nawar	Hannushkapreeya A/P Devindran
					Avila Deepika Thiagarajan
					Abiisha A/P Sanjeeve
					Shaaruneshwary A/P Muniandy
					Sanjanaa A/P Santharan
5th Place	The Wonder Whizzes	Malaysia	Selangor	SJKT SG Renggam, Shah Alam	Ashreeya Rao A/P Sangkaran
					Luveenaa A/P Senthil Vasan
					Yaaleiney Prabagar
					Rushika Mohanraj
					Yaaleiney Prabagar

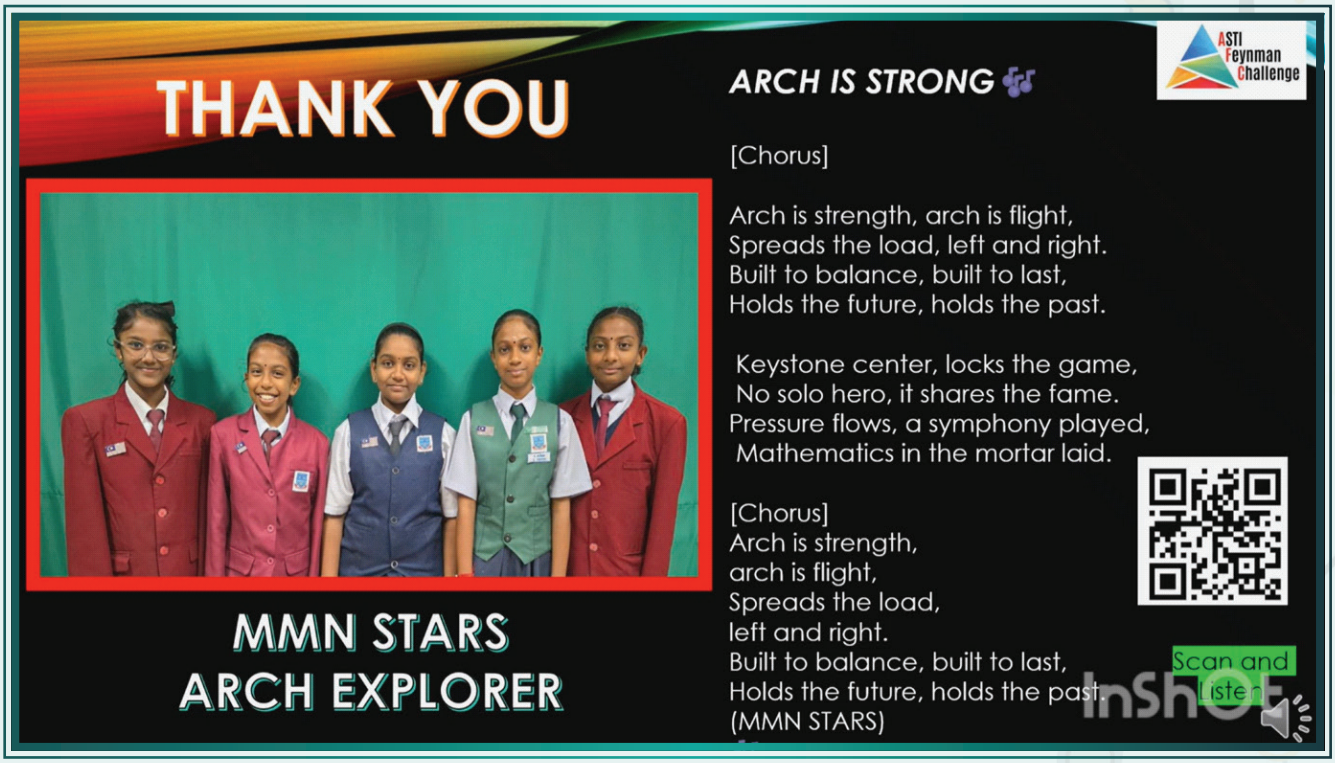
Table 4: Category 1 Winners List

Champion

1st Runner Up

2nd Runner Up

4th Place



5th Place

Category 2: Average age of 13-17 Years Old

The winners of Category 2 are listed in the table below.

Ranking	Team Name	Country	State	School Name	Participant Name
Champion	SABS - Modern Minds	Malaysia	Pahang	SMK Sultan Abu Bakar	Ariel Yeoh En Ya
					Aliya Yasmin Shah Binti Anis Shah
					Kirthana A/P Sevarajan
1st Runner Up	Team A -Reloaded	Malaysia	Selangor	SBP Integrasi Gombak	Fatin Najihah Binti Fazal Rabbi
					Nuha Faqihah Binti Muhammad Fadzli
					Auni Maisarah Binti Zulkifli
					Nurul Fatiha Najwa Binti Razali
					Mardhiah Sofiah Binti Mohd Taufiq
2nd Runner Up	Choo Choo Train	Philippines	Metro Manila	Philippine Science High School - Main Campus	Sebastien Thomas Abainza
					Alden Julian Gonzales
					Cristea Arianna Juan
					Phia Kristina Libunao
					Noah Se
4th Place	The Eduche -mists	Malaysia	Kedah	Akademi Sains Pendang	Nurin Imanina Binti Mohd Khairil
					Siti Nur Izzatul Zahirah Binti Mohamad Azhar
					Vinesa Ann
5th Place	MIB Hero	Brunei Darussalam	Tutong	Ma'had Islam Brunei	Abdul Raziq Syahmi Bin Abdul Halim
					Suwardi Bin Salman
					Muhammad Rafali Ramadani Bin Awang Sahidy

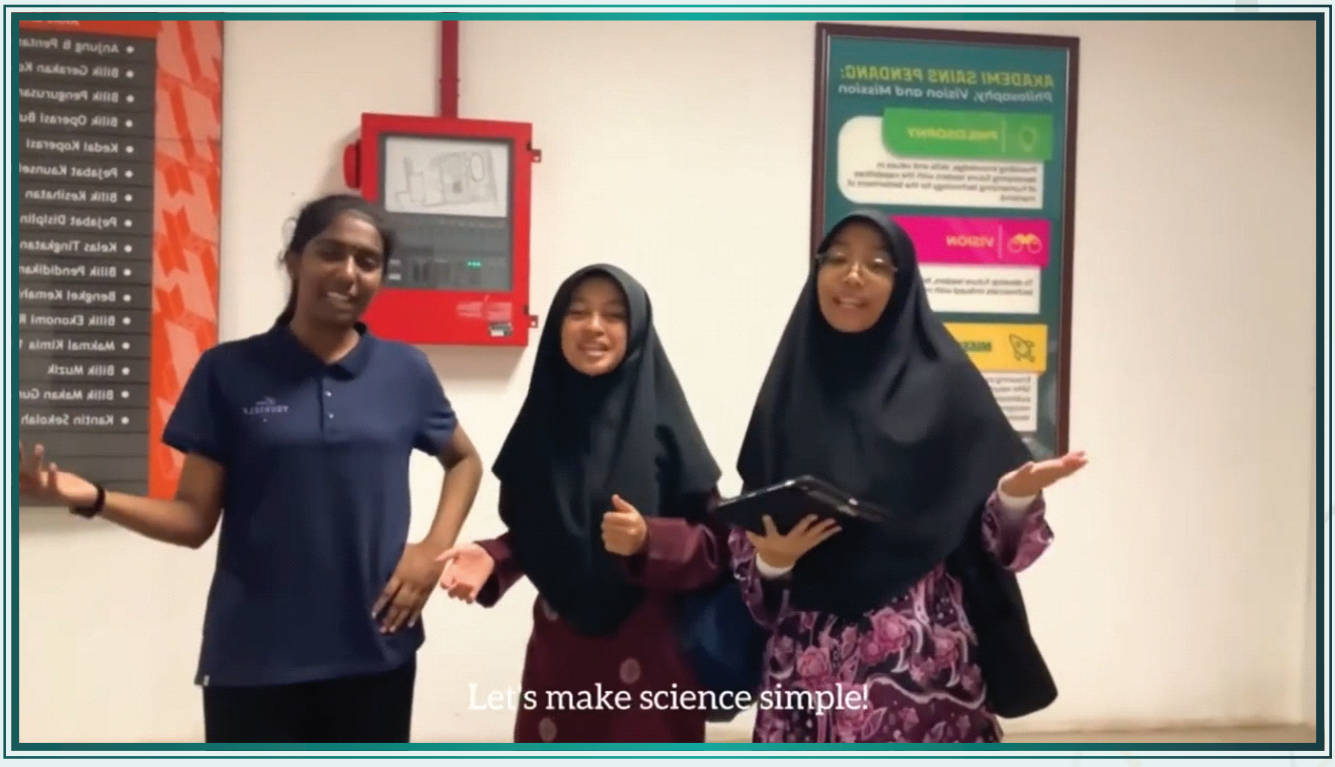
Table 5: Category 2 Winners List

Champion

1st Runner Up

2nd Runner Up

4th Place



5th Place

Category 3: Above 18 Years Old

The winners of Category 3 are listed in the table below.

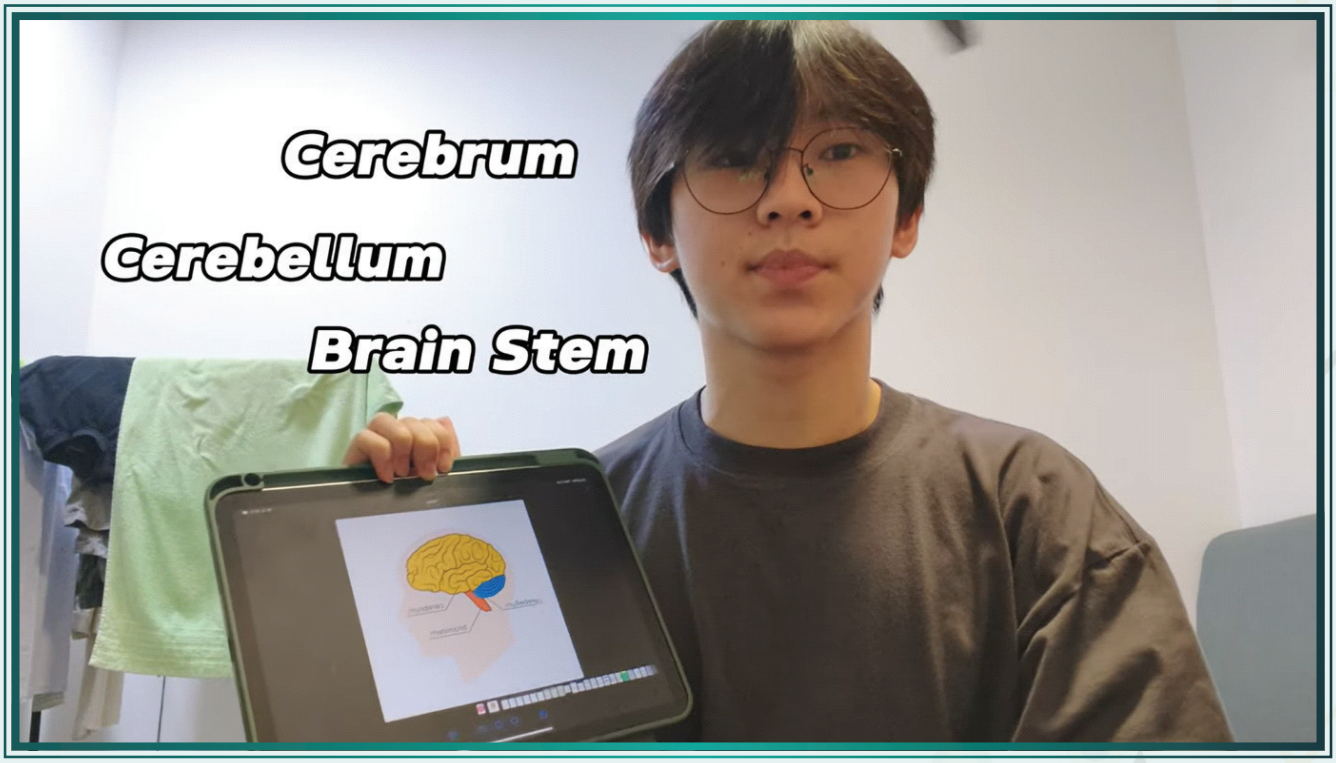
Ranking	Team Name	Country	State	School Name	Participant Name
Champion	SCILAB	Malaysia	Sarawak	Institut Pendidikan Guru Tun Abdul Razak	Venus Tan Loi Ee
					Faustina Wong Yu Jin
1st Runner Up	AMX	Malaysia	Selangor	Taylor's College	Adrianna Sofea Binti Mohd Faizal
					Sofea Miyuki Binti Mohd Saufee
					Muhammad Adib Naufal Bin Saiful Rizal
					Tan Xin Wei
2nd Runner Up	Lightweight	Malaysia	W.P. Kuala Lumpur	UCSI University	Melvin Chan Yow Terk
					Tay Zhi Hung
					Ng Yong Jie
					Lee Jian Xian
					Lim Chuan Hong
4th Place	SCIVIBE	Malaysia	Sarawak	SK Long Luping	Abg Mohd Shammyll Bin Abg Mansor
					Aida Kartina Binti Dolhan
5th Place	The SNOT Lab Team	Indonesia	West Kalimantan	Tanjungpura University	Nohan Noer Adnan
					Zada Firja Devineir

Table 6: Category 3 Winners List

Champion

1st Runner Up

2nd Runner Up



4th Place

5th Place

Special Inclusivity Awards:

The Special Inclusivity Award was given to three teams for their outstanding videos, selected by the Judging Panel. These prizes were awarded to teams that achieved outstanding scores in specific judging criteria or overcame significant challenges during video production and submission, including those from under-resourced communities. The table below shows the list of winners.

Ranking	Category	Team Name	Country	State	School Name	Participant Name
Best Combination of Science And Art	Category 1: 10 To 12 Years Old	Pang 20 Science Team	Thailand	Satun	Nikompat -tanapang 20	Chanawan Truektrong
						Kranokdarin Aeadpu
						Deuenwat Phengkaeo
Best Idea & Creativity	Category 3: Above 18 Years Old	The Stone	Malaysia	W.P. Kuala Lumpur	UCSI University	Lim Hau Kang
						Sia Han Yang
						Wong Mann Hinn
						Tan E-Hung
						Yong Zhan Ming
Best Script & Storyline	Category 2: 13 To 17 Years Old	Triologics	Malaysia	Selangor	SMK Taman Melawati	Sharifah Zarith Sofea Binti Syed Salim
						Wan Dhia Khalisha Binti Wan Rosmadi
						Hydana Qaseh Rasyiqah Binti Rohimi

Table 7: The Special Inclusivity Award Winners List

Best Combination of Science and Art

Best Idea & Creativity

Best Script & Storyline

04 LIST OF PARTICIPANTS

The list below shows the details of 553 teams that submitted their videos for the ASTI Feynman Challenge 2025.

Category 1: Average Age of 10-12 Years Old

NO.	Team Name	Country	State	School Name
1.	BM Teachers	Malaysia	Selangor	Sekolah Jenis Kebangsaan Tamil Bestari Jaya
2.	CIHUU	Malaysia	Selangor	Sekolah Kebangsaan Sri Langat
3.	Detektif Sains	Malaysia	Selangor	SK Sri Langat
4.	ELITE	Malaysia	Selangor	SK Kantan Permai
5.	Future Flames	Malaysia	Selangor	Category 1
6.	Future Scientist	Malaysia	Perak	SK Buntong
7.	Genius Scientia	Malaysia	Sarawak	SK Long Luping
8.	Invictus	Malaysia	Selangor	Sekolah Kebangsaan KLIA
9.	Kaiser	Malaysia	Selangor	Sekolah Kebangsaan KLIA
10.	Skets Ranger	Malaysia	Terengganu	SK Seri Kemaman
11.	SKI Excellence Together	Malaysia	Negeri Sembilan	Sekolah Kebangsaan Inas
12.	SKKS Win	Malaysia	Penang	Sekolah Kebangsaan Kebun Sireh
13.	SKTU Gemilang	Malaysia	Perak	SK Trolak Utara

14.	Supar Fun	Malaysia	Sabah	SK Mawar Sandakan
15.	Super Power	Malaysia	Sabah	SK Mawar
16.	Supr Fun	Malaysia	Sabah	SK Mawar Sandakan
17.	Trazillious	Malaysia	Selangor	Sekolah Kebangsaan KLIA
18.	Victory	Malaysia	Selangor	Sekolah Kebangsaan KLIA
19.	Wonderhoy	Malaysia	W.P. Kuala Lumpur	SK Wangsa Jaya
20.	Future Legends	Malaysia	W.P. Kuala Lumpur	SJKC Kepong 1
21.	Abdul Khalam	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
22.	AL Brothers	Malaysia	Selangor	SJK (T) Batu Arang, Rawang, Selangor
23.	Albeart Eiensten	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
24.	Aristotle	Malaysia	Selangor	SJK T Rawang
25.	Bio Spray	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
26.	Charles Darwin	Malaysia	Selangor	SJK T Rawang
27.	Cool Scientist	Malaysia	Selangor	SJK(T)Batu Arang
28.	Cool Scientists 77	Malaysia	Selangor	SJKT Batu Arang
29.	Demons Kings	Malaysia	Selangor	SJK Tamil Batang Kali
30.	Devil Kings	Malaysia	Selangor	SJK Tamil Batang Kali
31.	Eco Warriors	Malaysia	Selangor	SJK T Rawang
32.	Frozen Girls	Malaysia	Selangor	SJK Tamil Batang Kali
33.	FTS Astronout	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
34.	FTS Beta	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
35.	FTS Crystal	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
36.	FTS Curious Minds	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher

37.	FTS Flask Force	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
38.	FTS Galaxy	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
39.	FTS Hypothesis Hunter's	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
40.	FTS Mass Effect	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
41.	FTS Scientist	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
42.	FTS Space	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
43.	FTS Stars	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
44.	FTS Sunshine	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
45.	Galaxy Geeks	Malaysia	Selangor	SJKT Batu Arang
46.	Galileo	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
47.	Galileo Galilei	Malaysia	Selangor	SJK T Rawang
48.	Garudan	Malaysia	Selangor	SJK T Rawang
49.	Genies Team	Malaysia	Selangor	SJK Tamil Batang Kali
50.	Genius Girls	Malaysia	Selangor	SJK Tamil Batang Kali
51.	GNE Brothers	Malaysia	Selangor	SJKT Batu Arang Selangor
52.	Innovator STLW 1	Malaysia	Kedah	SJKT Ladang Wellesley
53.	Isace Newton	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
54.	John Dalton	Malaysia	Selangor	SJK T Rawang
55.	Junior Innovators	Malaysia	Selangor	Category 1
56.	King of Experiment	Malaysia	Selangor	SJK(T)Batu Arang
57.	Ninja Girls	Malaysia	Selangor	SJK Tamil Batang Kali
58.	Plants Protector	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher

59.	Resider	Malaysia	Selangor	SJKT Batu Arang
60.	Science Hero	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
61.	Science Legends, Batang Kali	Malaysia	Selangor	SJK Tamil Batang Kali
62.	Science Smiles	Malaysia	Selangor	SJKT Batu Arang
63.	Shark Babies	Malaysia	Selangor	SJKT Batu Arang
64.	Solar Partners	Malaysia	Selangor	SJK Tamil Batang Kali
65.	Super Star Scientist	Malaysia	Selangor	Sekolah Jenis Kebangsaan Tamil Batu Arang
66.	The Atom Smashers	Malaysia	Kedah	SJKT Ko Sarangapany
67.	The Boys	Malaysia	Selangor	SJK Tamil Batang Kali
68.	The Innovative Girls	Malaysia	Selangor	SJK Tamil Batang Kali
69.	The Think Tank	Malaysia	Selangor	SJK Tamil Batang Kali
70.	Thomas	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
71.	Three Scientist	Malaysia	Selangor	SJK(T) Batu Arang, 48100 Selangor
72.	Top Eagles	Malaysia	Selangor	SJK T Rawang
73.	Venom Cobra	Malaysia	Selangor	SJK Tamil Batang Kali
74.	Yasheka	Malaysia	Selangor	SJK (T) Batu Arang
75.	Young Light of Bangsar	Malaysia	Selangor	SJK T Jalan Bangsar
76.	Abdul Kalam	Malaysia	W.P. Kuala Lumpur	SJKT Ladang Bagan Sena
77.	Alexender Grahambell	Malaysia	Kedah	SJK T Rawang
78.	Alexender Grahamble	Malaysia	Selangor	SJK T Rawang
79.	Algebros & SIS	Malaysia	Selangor	SJKT Puchong
80.	APJ Abdul Kalam 1	Malaysia	Selangor	SJK T Rawang

81.	APJ Abdul Kalam 2	Malaysia	Selangor	SJK T Rawang
82.	Awesome Kids	Malaysia	Tutong	Ma'had Islam Brunei
83.	Ayesha & Puteri	Malaysia	Melaka	SK Air Baruk, Jasin
84.	Ayurvedic Cough Relief Candy	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
85.	Big Brains	Malaysia	Selangor	Nobel International School
86.	Bio Nature	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
87.	BLH Boys	Thailand	Songkhla	Banlaemhad School
88.	BLH Girls	Thailand	Songkhla	Banlaemhad School
89.	Bridge	Malaysia	Melaka	SK Air Baruk
90.	Building	Malaysia	Melaka	SK Air Baruk
91.	Cleo Girls	Malaysia	Melaka	SK Air Baruk
92.	Colour Kidz	Malaysia	Selangor	Nobel International School
93.	Comfybeam Footware	Malaysia	Selangor	SJKT Saraswathy
94.	Dengkil Boys	Malaysia	Selangor	Sekolah Jenis Kebangsaan Cina Dengkil
95.	Dynamic Innovator's (Return Of The Newton's Motion Law)	Malaysia	Selangor	SJKT Puchong
96.	Earthquake Detector Alarm	Malaysia	Selangor	SJKT Saraswathy
97.	Energems 4	Malaysia	Selangor	SJK T Rawang
98.	Experimenters	Malaysia	Kedah	SJKT Saraswathy, Sungai Buloh
99.	Explorer	Malaysia	Selangor	SJKT Castlefield
100.	Feynman	Malaysia	Johor	SJKT Masai
101.	Force Followers	Malaysia	Perak	SJK (T) St Philomena Convent & SJK (T) Chettiar's
102.	FTS Atom Smasher's	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher

103.	FTS Aurum	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
104.	FTS Earth	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
105.	FTS Newton's Apples	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
106.	FTS OHM Squad	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
107.	FTS Science Bee's	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
108.	Galactic Thinkers	Malaysia	Kedah	SJKT Ko Sarangapany
109.	Genius Scientist	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
110.	Global Scientist	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
111.	Good Girls	Malaysia	Melaka	SK Air Baruk
112.	Group K1	Malaysia	W.P. Kuala Lumpur	SJKC Kepong 1
113.	Herbal Face Mask	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
114.	Herbal Pain Relief Oil	Malaysia	W.P. Kuala Lumpur	SJKT Ladang Bukit Jalil
115.	Herbal Sanitizer	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
116.	Homemade Mosquito Repellent	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
117.	Hungry Birds	Malaysia	Selangor	SJKT Castlefield
118.	Immediate Chilli Slicer	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
119.	Infinity Creator	Malaysia	Selangor	SJK T Rawang
120.	Infra Lab	Malaysia	Selangor	Nobel International School
121.	Innovation Battalions	Malaysia	Selangor	SJKT Puchong
122.	Innovator STLW 3	Malaysia	Kedah	SJKT Ladang Wellesley
123.	ISAAQ Newton	Malaysia	Selangor	SJK T Rawang
124.	ISQQC Newtown	Malaysia	Selangor	SJK Tamil Batang Kali

125.	Junior Genius	Malaysia	Johor	SJKT Masai
126.	K1 Best	Malaysia	W.P. Kuala Lumpur	SJKC Kepong 1
127.	Kinetic	Malaysia	Melaka	SK Air Baruk
128.	KT Boys @ Mass	Malaysia	Selangor	Sekolah Kebangsaan Kg Tunku
129.	Lab Legends	Malaysia	Selangor	SJK T Rawang
130.	Lab Rats	Malaysia	Selangor	SJK T Rawang
131.	Little Edisons'	Malaysia	Selangor	SJKT Puchong
132.	Little Scientists	Malaysia	Selangor	SJKT Kajang
133.	Machine	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
134.	MDA	Malaysia	Perak	SJKT Mambang Di Awan
135.	MMN Stars	Malaysia	Perak	SJKT Methodist, Malim Nawar
136.	Neil Amstrong	Malaysia	Selangor	SJK T Rawang
137.	Neutron Ninjas	Malaysia	Kedah	SJKT Ko Sarangapany
138.	Nextgen Neurons	Malaysia	Kedah	SJKT Ko Sarangapany
139.	Nikola STR	Malaysia	Selangor	SJK T Rawang
140.	Nikola Tesla	Malaysia	Selangor	SJK T Rawang
141.	No Smoking	Malaysia	Melaka	SK Air Baruk
142.	No Sympathy	Malaysia	Melaka	SK Air Baruk
143.	Pang 20 Science Team	Thailand	Satun	Nikompattanapang 20
144.	Power Puff Girls	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
145.	PPS Phytafive	Malaysia	Selangor	Peninsula Private School
146.	Pressure	Malaysia	Perak	SJKT Tun Sambanthan, Bagan Pasir
147.	Qhaira & Saura	Malaysia	Melaka	SK Air Baruk, Jasin
148.	QUARTZ	Malaysia	Sarawak	SJKC Chung Hua Batu 4 1/2

149.	Rainwater Harvesting Model	Malaysia	Selangor	SJKT Saraswathy
150.	Ramanujam	Malaysia	Selangor	SJK T Rawang
151.	RATX	Malaysia	W.P. Kuala Lumpur	SJKT Segambut
152.	Rippers Of Relativity	Malaysia	Selangor	SJKT Castlefield
153.	Rust Engineers	Malaysia	Johor	SJKT Masai
154.	Safaraz & Aiman	Malaysia	Melaka	SK Air Baruk, Jasin
155.	Sakura Team	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
156.	Sarah & Soffea	Malaysia	Melaka	SK Air Baruk, Jasin
157.	Science Champion	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
158.	Science Explorers, Rawang	Malaysia	Selangor	SJK T Rawang
159.	Science Explorers, Masai	Malaysia	Johor	SJKT Masai
160.	Science GNTK The Best	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
161.	Science Legends, Sungai Renggam	Malaysia	Selangor	SRJK Tamil Sungai Renggam
162.	Science Line	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
163.	Science Pioneers	Malaysia	Selangor	SJKT Sungai Renggam
164.	Science Spark	Malaysia	Selangor	SJKT Sg Renggam
165.	Science Squad	Malaysia	Selangor	SJK T Rawang
166.	Science Stars	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
167.	Science Storm	Malaysia	Selangor	SJKT Sungai Renggam
168.	Science Wizards	Malaysia	Selangor	SJK T Rawang
169.	Scientist Mind	Malaysia	Selangor	SJK Tamil Batang Kali
170.	Sebara	Malaysia	Terengganu	SK Batu Rakit
171.	Shining Star	Malaysia	Selangor	SJK T Rawang

172.	Shining Team	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
173.	SKBT Smart Junior	Malaysia	Penang	SK Bukit Tambun
174.	Smart Builders	Malaysia	Perak	SK St. Michael, Ipoh
175.	Smart Science Team 4	Malaysia	Selangor	SJK T Rawang
176.	Smart Scientist	Malaysia	Selangor	SJK T Rawang
177.	Solar	Malaysia	Selangor	Nobel International School
178.	Space Avengers	Malaysia	Selangor	Sekolah Jenis Kebangsaan (Tamil) Puchong
179.	Star Girls	Malaysia	Melaka	SK Air Baruk
180.	Star Team	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
181.	Stephen Hawking	Malaysia	Selangor	SJK T Rawang
182.	STR Amazing Scientists	Malaysia	Selangor	SJK T Rawang
183.	STR Mind Fires	Malaysia	Selangor	SJK T Rawang
184.	STR Power Scientist	Malaysia	Selangor	SJK T Rawang
185.	STR Super Scientist	Malaysia	Selangor	SJK T Rawang
186.	STR Abdul Kalam Team 4	Malaysia	Selangor	SJK T Rawang
187.	STR Astro Thinkers	Malaysia	Selangor	SJK T Rawang
188.	STR Beautiful Mind	Malaysia	Selangor	SJK T Rawang
189.	STR Brainiacs	Malaysia	Selangor	SJK T Rawang
190.	STR Brainy Banter	Malaysia	Selangor	SJK T Rawang
191.	STR Brave Scientist	Malaysia	Selangor	SJK T Rawang
192.	STR Brilliant	Malaysia	Selangor	SJK T Rawang
193.	STR Diamond	Malaysia	Selangor	SJK T Rawang
194.	STR Eco Science	Malaysia	Selangor	SJK T Rawang
195.	STR Fun Science	Malaysia	Selangor	SJK T Rawang

196.	STR Galaxy	Malaysia	Penang	SJK T Rawang
197.	STR Genius Crystals	Malaysia	Selangor	SJK T Rawang
198.	STR Genius Young Scientist	Malaysia	Selangor	SJK T Rawang
199.	STR Innovation Team 4	Malaysia	Selangor	SJK T Rawang
200.	STR Lab Rats	Malaysia	Selangor	SJK T Rawang
201.	STR Neil Armstrong	Malaysia	Selangor	SJK T Rawang
202.	STR Science Lovers	Malaysia	Selangor	SJK T Rawang
203.	STR Science Star	Malaysia	Selangor	SJK T Rawang
204.	STR Scientist Kids	Malaysia	Selangor	SJK T Rawang
205.	STR Smart Wonders	Malaysia	Selangor	SJK T Rawang
206.	STR Smart Brain's Team 4	Malaysia	Selangor	SJK T Rawang
207.	STR Smart Scientist	Malaysia	Selangor	SJK T Rawang
208.	STR Success Team 4	Malaysia	Selangor	SJK T Rawang
209.	STR4V Five Shaes of Stardust	Malaysia	Selangor	SJK T Rawang
210.	STR4V Little Researchers	Malaysia	Selangor	SJK T Rawang
211.	STR4V Pro Acedemy	Malaysia	Selangor	SJK T Rawang
212.	STR4V Science Geniuses	Malaysia	Selangor	SJK T Rawang
213.	STR4V The Technologists	Malaysia	Selangor	SJK T Rawang
214.	STR4V The Young Great Scientist	Malaysia	Selangor	SJK T Rawang
215.	STR4V Young Scientist	Malaysia	Selangor	SJK T Rawang
216.	STR4VA Little Einsteins	Malaysia	Selangor	SJK T Rawang
217.	STR4VA YM Heart Since	Malaysia	Selangor	SJK T Rawang
218.	STR6N Cosmic Chaos	Malaysia	Selangor	SJK T Rawang
219.	STR6N Laboratory Wizards	Malaysia	Selangor	SJK T Rawang

220.	STR6N Science Seekers	Malaysia	Selangor	SJK T Rawang
221.	STR6N Science Wizards	Malaysia	Selangor	SJK T Rawang
222.	STR6N The Lab Rats	Malaysia	Selangor	SJK T Rawang
223.	STR6N Young Einstein's Army	Malaysia	Selangor	SJK T Rawang
224.	STR6NE The League of Biological Innovator's	Malaysia	Selangor	SJK T Rawang
225.	STSTP	Malaysia	Kedah	SJKT Sungai Tok Pawang
226.	Sun2 Sugar	Malaysia	Selangor	SJKT Castlefield
227.	Supermind	Malaysia	Selangor	SJKT Sungai Renggam
228.	Technoeinstein	Malaysia	Selangor	SJKT Castlefield, Puchong
229.	The Brainstormers	Malaysia	Kedah	SJKT Ko Sarangapany
230.	The Brainstormers	Malaysia	Johor	SJKT Masai
231.	The Brainy Bunch (Rainwater Hevesting Systerm)	Malaysia	Selangor	SJKT Ladang Emerald
232.	The Braniacs	Malaysia	Selangor	SJK(T) Sungai Renggam Shah Alam
233.	The Curious Catalysts	Malaysia	Selangor	SJK Tamil Puchong
234.	The Curious Mind	Malaysia	Kedah	SJKT Ko Sarangapany
235.	The Dream Team	Malaysia	Johor	SJKT Masai
236.	The Germ Busters	Malaysia	Selangor	SJKT Puchong
237.	The Great Team	Malaysia	Selangor	SK Sri Langat
238.	The Hydro Scientist	Malaysia	Penang	SJKC Chong Cheng
239.	The Lab Legends	Malaysia	W.P. Kuala Lumpur	SJKC Mun Yee
240.	The Lemon Lab	Malaysia	Penang	SJKC Chong Cheng
241.	The Little Inventors	Malaysia	Penang	SJKC Chong Cheng
242.	The Little Scientist	Malaysia	Penang	SJKC Chong Cheng

243.	The Neutilizers	Malaysia	Johor	SJKT Masai
244.	The Reflectors	Malaysia	Penang	SJK T Ladang Mayfield
245.	The Revive Splash	Malaysia	Selangor	SJKT Batu Caves
246.	The Science Explorers	Malaysia	Selangor	SJK T Rawang
247.	The Science Innovators	Malaysia	Perak	SJK (T) Chettiars Ipoh, Perak
248.	The Sprout Trio	Malaysia	Selangor	Nobel International School
249.	The Warrior	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
250.	The Wonder Whizzes	Malaysia	Selangor	SJKT SG Renggam, Shah Alam
251.	Tony Stark Group	Malaysia	Penang	SJKC Chong Cheng
252.	Tooth Team	Malaysia	Selangor	SJKT Simpang Lima, Klang
253.	Transforming Foam	Thailand	Pattani	Darul-Ulum Witya School
254.	White Fang	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
255.	Wraptastic Trio	Malaysia	W.P. Kuala Lumpur	SJKT Ladang Bukit Jalil
256.	Young Geniuses Team 5	Malaysia	Selangor	SJK T Rawang
257.	Young Innovators	Malaysia	Selangor	SJKT Saraswathy, Sungai Buloh
258.	Young Science Champs	Malaysia	Kedah	SJK(T) Ladang Wellesley
259.	Young Scientist	Malaysia	Selangor	SJK T Rawang
260.	Young Scientist: Eco Heaven City	Malaysia	Selangor	SJKT Batu Caves
261.	▲U Crew (Delta U Crew)	Malaysia	Selangor	SJKT Castlefield

Table 8: Category 1 Video Submission List

Category 2: Average age of 13-17 Years Old

NO.	Team Name	Country	State	School Name
1.	4 A.M	Malaysia	Terengganu	SMKA Durian Guling
2.	4 Fasa	Malaysia	Sarawak	Kolej Vokasional Miri
3.	Albet	Malaysia	Selangor	SMK Bandar Saujana Putra
4.	Astatine	Malaysia	Terengganu	SMKA Durian Guling
5.	Basic M	Malaysia	Sarawak	Kolej Vokasional Miri
6.	Bionature Code	Malaysia	Selangor	Sekolah Menengah Kebangsaan Puchong
7.	Bombadilocrocodilo	Malaysia	Sarawak	Kolej Vokasional Miri
8.	Bull	Malaysia	Selangor	SBP Integrasi Gombak
9.	Chemical Quartet	Malaysia	Selangor	SMK USJ 8
10.	Cik Sains Muda	Malaysia	Johor	SMK Sultan Ibrahim
11.	Duo Kuantum	Malaysia	W.P. Kuala Lumpur	SMK Keramat Wangsa
12.	Eqafiza Pelangi	Malaysia	Johor	SMK Sultan Ibrahim
13.	EV Truck	Malaysia	Sarawak	Kolej Vokasional Miri
14.	Excel	Malaysia	Terengganu	SMKA Durian Guling
15.	Hapih	Malaysia	Selangor	SMK Rawang
16.	Huggies	Malaysia	Johor	SMK Sultan Ibrahim
17.	Innovatehers	Malaysia	Selangor	SMK USJ 8
18.	Junior Scientist	Malaysia	Johor	SMK Sultan Ibrahim
19.	Moonlight	Malaysia	Terengganu	SMKA Durian Guling
20.	Nebula Ninjas	Malaysia	Sabah	SMK Majakir
21.	Neptune Ring	Malaysia	Johor	SMK Tan Sri Mohamed Rahmat
22.	Newton Strikers	Malaysia	Johor	SMK Tan Sri Mohamed Rahmat
23.	Pakar Inovasi	Malaysia	W.P. Kuala Lumpur	SMK Seksyen 5

24.	Perkasarian	Malaysia	W.P. Kuala Lumpur	SMK Cochrane Perkasa
25.	Pigeon Wings	Malaysia	Sabah	SMK Merpati, Sandakan
26.	Premier Action	Malaysia	Selangor	Sekolah Berasrama Penuh Integrasi Gombak
27.	Rush	Malaysia	Selangor	SBP Integrasi Gombak
28.	Semekar Gigirl	Malaysia	Selangor	SMK Rawang
29.	Smart Science	Malaysia	Johor	SMK Sultan Ibrahim
30.	SP2counters	Malaysia	Kedah	Kolej Vokasional Sungai Petani 2
31.	Stem Boys U8	Malaysia	Selangor	SMK USJ 8
32.	Sub Zero	Malaysia	Selangor	SBP Integrasi Gombak
33.	Sun Titans	Malaysia	Selangor	SJK T Rawang
34.	Team Hantu Kak Limah	Malaysia	Sarawak	Kolej Vokasional Miri
35.	Team Inersia Syiling KV	Malaysia	Sarawak	Kolej Vokasional Miri
36.	Team Power Rangerz	Malaysia	Sarawak	Kolej Vokasional Miri
37.	Team Trip To Hawaii	Malaysia	Sarawak	Kolej Vokasional Miri
38.	Team Wawa N Momo	Malaysia	Sarawak	Kolej Vokasional Miri
39.	Teknodraft	Malaysia	Negeri Sembilan	SMK Pendeta ZA'BA
40.	The Science Wizard	Malaysia	Johor	SMK Sultan Ibrahim
41.	The Science Wizard	Malaysia	Johor	SMK Sultan Ibrahim, Kulai
42.	The Stargazer Boizz	Malaysia	Selangor	SBP Integrasi Gombak
43.	Travis	Malaysia	Terengganu	SMKA Durian Guling
44.	Valkora	Malaysia	Sarawak	SMK Pujut
45.	Vitamin Crew	Malaysia	Selangor	SMK USJ 8
46.	Wondering Minds	Malaysia	W.P. Kuala Lumpur	Sekolah Menengah Kebangsaan Batu Muda

47.	Wonderpets	Malaysia	Kedah	Kolej Vokasional Sungai Petani 3
48.	Zealous	Malaysia	Terengganu	SMKA Durian Guling
49.	Zenix	Malaysia	Terengganu	SMKA Durian Guling
50.	Avocado From Mexico	Malaysia	Melaka	Sekolah Menengah Kebangsaan Tinggi St. David
51.	S&L	Malaysia	W.P. Kuala Lumpur	SMJK Chong Hwa
52.	KSB	Malaysia	Selangor	SMJT Batu Arang
53.	The Intelligence	Malaysia	Selangor	SMJ Tuanku Abdul Rahman Batu Arang Selangor/Sjkt Batu Arang Selangor
54.	வெற்றி நிச்சயம் (Vetri Nitchyam)	Malaysia	Selangor	SJK(T) Batu Arang
55.	161 Sherlock	Malaysia	Perak	SMK Convent Ipoh
56.	4 Amigos	Malaysia	Terengganu	SMKA Durian Guling
57.	4 Elements	Malaysia	Selangor	SMK Tun Perak
58.	5 Women With Woman Power	Thailand	Satun	Phiman Phitthayasarn School
59.	A Touch of Thai Heritage In Every Candlelight	Thailand	Satun	Phiman Phitthayasarn School
60.	Aero	Malaysia	W.P. Kuala Lumpur	SMK Orkid Desa
61.	AI Chemist	Malaysia	Selangor	SMK Pusat Bandar Puchong 1
62.	AI MA 4 KHON	Thailand	Satun	Phiman Phitthayasarn School
63.	Alchemist	Malaysia	Selangor	SMK Taman Melawati
64.	Alkaline	Singapore	Singapore	School of Science and Technology
65.	Aster	Malaysia	Selangor	SBP Integrasi Gombak
66.	Astronerds	Malaysia	Penang	SMK Datuk Haji Ahmad Said

67.	Astronova	Malaysia	Selangor	SMK Taman Jasmin 2
68.	Aurelia	Malaysia	Selangor	SBP Integrasi Gombak
69.	Aurora Finders	Malaysia	Selangor	SMK USJ 8
70.	Aurum	Malaysia	Selangor	SBP Integrasi Gombak
71.	Band Dover	Singapore	Singapore	School of Science and Technology
72.	Beyond The Surface: Physics Uncovered	Thailand	Satun	Phiman Phitthayasarn School
73.	Big Bang Brainstorm	Malaysia	Melaka	ST David's High School
74.	Biostorm	Malaysia	Selangor	SBP Integrasi Gombak
75.	Biteblockers	Malaysia	Selangor	SMK Pusat Bandar Puchong 1
76.	Black and White	Malaysia	Selangor	SMK Taman Melawati
77.	Bond Breakers	Malaysia	Selangor	SMK Puchong
78.	Botnoi	Thailand	Satun	Phiman Phitthayasarn School
79.	Brain Stormers	Thailand	Pattani	Darul-Ulum Witya School
80.	Butter Bear	Thailand	Satun	Phiman Phitthayasarn School
81.	Casio	Malaysia	Selangor	SBP Integrasi Gombak
82.	Cat Catastrophe Club	Singapore	Singapore	School of Science and Technology
83.	CATALYCA	Malaysia	Selangor	SBP Integrasi Gombak
84.	Chem-Pros	Malaysia	Sarawak	Sekolah Menengah Kebangsaan Pujut, Miri
85.	Cherry	Thailand	Satun	Phiman Phitthayasarn School
86.	Choo Choo Train	Philippines	Metro Manila	Philippine Science High School - Main Campus
87.	CIRCULAB	Malaysia	Selangor	SBP Integrasi Gombak
88.	Colorflow Lab	Thailand	Satun	Phiman Phitthayasarn School

89.	Comel Lote	Malaysia	W.P. Kuala Lumpur	SBP Integrasi Gombak
90.	Core4	Malaysia	Pahang	MRSM Tun Ghazali Shafie
91.	Ctrl+Alt+Defeat	Thailand	Mukdahan	Mukdahan School
92.	Cuntiana	Malaysia	Penang	High School Bukit Mertajam
93.	Dabbians Supernova	Malaysia	Selangor	SMK Dato' Abu Bakar Baginda, Sepang
94.	De Physicus	Malaysia	Selangor	SBP Integrasi Gombak
95.	Dekphimansince	Thailand	Satun	Phiman Phitthayasarn School
96.	Densespark	Malaysia	Negeri Sembilan	Sekolah Menengah Sains Rembau
97.	Development Of Lip Balm From Natural Honey	Thailand	Satun	Phiman Phitthayasarn School
98.	E-Boys	Malaysia	Negeri Sembilan	Sekolah Menengah Sains Rembau
99.	Eco Shell Paper	Thailand	-	Phiman Phitthayasarn School
100.	Econinja	Malaysia	Selangor	SMK Bandar Puchong Jaya B
101.	Ethereal	Malaysia	Selangor	-
102.	Fasichem	Thailand	-	Phiman Phitthayasarn School
103.	Feynmanators	Malaysia	Perak	SMK Convent, Ipoh
104.	Five a Head No Fusion	Thailand	Satun	Phiman Phitthayasarn School
105.	Focus Fire	Malaysia	Selangor	SMK Taman Melawati
106.	Four Girls	Malaysia	Satun	Phiman Phitthayasarn School
107.	Genics	Malaysia	Malacca	Kolej Yayasan Saad Melaka
108.	Glock	Malaysia	Selangor	SBP Integrasi Gombak
109.	Goss	Malaysia	Selangor	SBP Integrasi Gombak

110.	Gravity Go Interactive	Malaysia	Selangor	SMK Bandar Saujana Putra
111.	Green Glow	Thailand	Satun	Phiman Phitthayasarn School
112.	Handteam	Malaysia	Selangor	SBP Integrasi Gombak
113.	Heartificators	Malaysia	Selangor	SBP Integrasi Gombak
114.	Hollow Purple	Singapore	Singapore	School of Science and Technology
115.	Hydrogel	Thailand	Chiangmai	Varee Chiangmai School
116.	Inertia	Malaysia	Selangor	SMK Taman Melawati
117.	Innova5	Malaysia	Johor	SMK Mutiara Rini
118.	Innovation Alliance	Malaysia	Selangor	SMK Seri Garing
119.	Intelix	Thailand	Satun	Phiman Phitthayasarn School
120.	Ionizers	Malaysia	Selangor	SMK Taman Melawati
121.	Isodynamic	Singapore	Singapore	School of Science and Technology
122.	JK Cell Squad	Malaysia	Selangor	SMK Seri Kembangan
123.	Jorpor Diwa	Thailand	Buriram	Phiman Phitthayasarn School
124.	Junior Inventors	Malaysia	Selangor	SMK St. Mary, SMK Taman Desa 2, SMK Sungai Choh
125.	Junior Juglers	Malaysia	Selangor	SBP Integrasi Gombak
126.	KCM	Singapore	Singapore	School of Science and Technology
127.	KHO_Nstant Speed	Malaysia	Sarawak	SMK Bintulu
128.	Khonsuaykhonlor	Thailand	-	Phiman Phitthayasarn School
129.	KSPIV Shine to Survive	Thailand	-	Phiman Phitthayasarn School
130.	Kuky	Malaysia	Selangor	SMK Taman Melawati
131.	LANJIAO	Malaysia	Selangor	SMK Taman Melawati

132.	LIS GP 11	Malaysia	W.P.Labuan	Labuan International School
133.	Litorale	Malaysia	Selangor	SBP Integrasi Gombak
134.	LUC Biologica	Malaysia	Sarawak	SMK Song 2
135.	LUK Woyo Soswad	Thailand	-	Wangchinwittaya
136.	LUX Biologica	Malaysia	Sarawak	SMK Song 2
137.	Magnesium Sulfate	Singapore	Singapore	School of Science and Technology
138.	Magnetronix	Thailand	Satun Province	Phiman Phitthayasarn School
139.	Malaus Research	Malaysia	Selangor	SMK Seri Kembangan
140.	Mangrove Explorers	Thailand	Satun	Phiman Phitthayasarn School
141.	Marine	Malaysia	Terengganu	SMKA Durian Guling
142.	Mathletes	Malaysia	Selangor	SMK Rawang
143.	Medula Bermatematik	Malaysia	W.P. Kuala Lumpur	SMK Jinjang
144.	MIB Hero	Brunei Darussalam	Tutong	Ma'had Islam Brunei
145.	Mika N Miyo	Malaysia	W.P. Kuala Lumpur	-
146.	Mini Medics	Malaysia	Selangor	SBP Integrasi Gombak
147.	Minions	Malaysia	Perak	SMK Convent Ipoh
148.	MIS	Malaysia	Johor	Matahari International School
149.	Mission: Impossible	Malaysia	Melaka	SMK Tinggi St David
150.	Neoherba	Thailand	Satun	Phiman Phitthayasarn School
151.	Neomag_Ahiz	Malaysia	Penang	SMK Datuk Haji Ahmad Said
152.	Neurozest	Malaysia	Selangor	SBP Integrasi Gombak
153.	Newton's Siblings	Malaysia	Selangor	SMK Taman Melawati

154.	Nirmala	Malaysia	Selangor	SBP Integrasi Gombak
155.	No Idea TBH	Singapore	Singapore	School of Science and Technology
156.	Novacane	Malaysia	Selangor	MRSM Kuala Kubu Bharu
157.	NTCJP	Thailand	Buriram	Princess Chulabhorn Science High School Buriram, Mahasarakham University Demonstration School (Secondary), Sakolrajwittayanukul School, Somdetpittayakom School
158.	Nuclear Kit	Malaysia	Selangor	SMK Taman Melawati
159.	Nutrisquad	Malaysia	Pahang	Regent International School Kuantan
160.	Paradox	Thailand	-	Phiman Phitthayasarn School
161.	Pineapples	Malaysia	Perak	SMK Convent Ipoh
162.	Portable Water Filter	Thailand	Satun	Phiman Phitthayasarn School
163.	Power Puff Boy	Thailand	-	Phiman Phitthayasarn School
164.	Prawn Ready	Malaysia	Melaka	SMK Tinggi St David
165.	Project Hypertrophy	Malaysia	W.P. Kuala Lumpur	SMK Orkid Desa
166.	PS Mar Geb Champ	Thailand	-	Phiman Phitthayasarn School
167.	PXM^2	Singapore	Singapore	School of Science and Technology
168.	Quantum.exe	Malaysia	Kedah	SMK Ibrahim
169.	Qunalysh	Malaysia	Terengganu	SMKA Durian Guling
170.	RGIS Fantastic Four	Malaysia	Selangor	Reigate Grammar School Kuala Lumpur
171.	RGIS Titus	Malaysia	Selangor	Reigate Grammar School Kuala Lumpur
172.	Rise and Culture	Thailand	-	Phiman Phitthayasarn School

173.	Rose Craft	Thailand	-	Phiman Phitthayasarn School
174.	Ryan & Nicholas	Malaysia	W.P. Kuala Lumpur	Wesley Methodist School Kuala Lumpur (International)
175.	S&L	Malaysia	W.P. Kuala Lumpur	SMJK Chong Hwa
176.	S&L	Malaysia	W.P. Kuala Lumpur	SMJK Chong Hwa
177.	SABS - Modern Minds	Malaysia	Pahang	SMK Sultan Abu Bakar
178.	Saurophaganax	Malaysia	W.P. Kuala Lumpur	SMK Orkid Desa
179.	Science Gel	Thailand	Satun	Phiman Phitthayasarn School
180.	Science Head	Malaysia	Penang	SMKA (P) Almashoor
181.	Science Lab Lover	Thailand	Pattani	Darul-Ulum Witya School
182.	Scien-Teen Stars	Malaysia	Selangor	Not Applicable
183.	Scientistsrex	Malaysia	Selangor	SBP Integrasi Gombak
184.	SCI-Quester	Malaysia	Selangor	SBP Integrasi Gombak
185.	Search For The Theory of Everything	Malaysia	Negeri Sembilan	Sekolah Menengah Sains Rembau
186.	Sessen	Singapore	Singapore	School of Science and Technology
187.	Smart Calories Team	Malaysia	Penang	SMK Prai
188.	Smart Trio	Malaysia	Johor	SMK Sultan Ibrahim
189.	Smarticles	Malaysia	Selangor	SMK Taman Melawati
190.	SMK Bandar Tasik Puteri	Malaysia	Selangor	SMK Bandar Tasik Puteri
191.	Snake Snake Fish Fish	Thailand	Buriram	Phiman Phitthayasarn School
192.	Solar Drying Cabinet	Thailand	Student	Phiman Phitthayasarn School
193.	Sstience	Singapore	Singapore	School of Science and Technology
194.	Stellar Scientist	Malaysia	Negeri Sembilan	SMK Dato' Abdul Samad, TG Ipoh

195.	Success	Malaysia	Selangor	SJKT Batu Arang
196.	Sunrise	Thailand	Satun	Phiman Phitthayasarn School
197.	Team A-Reloaded	Malaysia	Selangor	SBP Integrasi Gombak
198.	Team Sigma Ph	Philippines	N/A	Philippine Science High School - Soccsksargen Region Campus
199.	Teen Win	Malaysia	Selangor	SMK USJ12/ SMK Bandar Puchong Jaya (B)/ SMK Aminuddin Baki
200.	Tepsa Lane	Thailand	Satun	Phiman Phitthayasarn School
201.	Testing The Efficacy of Durian Rind Extracts for Development Into Denture Soaking Solution	Thailand	Chiangmai	Varee Chiangmai School
202.	The Academic Divas	Malaysia	Selangor	SMK Seri Indah
203.	The Apex	Thailand	-	Phiman Phitthayasarn School
204.	The Brainiacs	Malaysia	Selangor	SMK Seri Garing
205.	The Catalyst	Malaysia	Selangor	SBP Integrasi Gombak
206.	The Catalysts	Malaysia	W.P. Kuala Lumpur	Wesley Methodist School Kuala Lumpur (International)
207.	The Discovery Diva's	Malaysia	Selangor	SMK Serendah
208.	The Dynamic Dl Duals	Philippines	Benguet	Philippine Science High School - Cordillera Administrative Region Campus
209.	The Educhemists	Malaysia	Kedah	Akademi Sains Pendang
210.	The Fifth Elements	Thailand	Satun	Phiman Phitthayasarn School
211.	The Fortunite	Thailand	Satun	Phiman Phitthayasarn School
212.	The Green Guardians	Malaysia	Kedah	SMK Dato Bijaya Setia
213.	The Honoured Ones	Singapore	Singapore	School of Science and Technology

214.	The Impact of Wastewater from Local Communities and Agriculture on Microplastic Accumulation in Sediments and Benthic Organisms in Lam Muang Phaya Kham, Chiang Mai	Thailand	Chiangmai	Varee Chiangmai School
215.	The Inertials	Malaysia	Selangor	SMK Puchong Utama (1)
216.	The Inhibition of Bacteria on Skin by Allicin Extract in Garlic	Thailand	Chiangmai	Varee Chiangmai School
217.	The Lab Rats	Malaysia	Selangor	Peninsula Private School
218.	The Nutrifaries	Malaysia	Melaka	SMK Tinggi St David
219.	The Phylls	Malaysia	Selangor	SBP Integrasi Gombak
220.	The Science Explorance	Malaysia	Terengganu	SMKA Durian Guling
221.	The Shining Conducts	Philippines	Cavite	Cavite Science Integrated School
222.	The Shining Conducts	Philippines	Cavite	Cavite Science Integrated School
223.	The Shining Conducts	Philippines	Luzon, Cavite	Cavite Science Integrated School
224.	The Sigma Gamers	Malaysia	W.P. Kuala Lumpur	MBSSKL
225.	Thinkfinity	Thailand	-	Phiman Phitthayasarn School
226.	Titan Discovery	Malaysia	Penang	Chung Ling Private High School
227.	Titan Discovery	Malaysia	Penang	Chung Ling Private High School
228.	Titan Discovery	Malaysia	Penang	Chung Ling Private High School
229.	Tree Trio	Thailand	Satun	Phiman Phitthayasarn School

230.	Tres G.	Thailand	Mukdahan	Mukdahan School
231.	Triologics	Malaysia	Selangor	SMK Taman Melawati
232.	Trio's'cientific	Malaysia	Selangor	SMK Seri Garing
233.	Triple Helix	Malaysia	Perak	SMK Convent Ipoh
234.	Triscience Sparks	Malaysia	Penang	SMK Bukit Jambul & SMK Convent Green Lane
235.	Tus Zero Waste	Thailand	Nakhon Si Thammarat	Triam Udom Suksa of The South
236.	Vitae	Malaysia	Selangor	SBP Integrasi Gombak
237.	Water Dragons	Malaysia	Selangor	SMK Bandar Puchong Jaya (B)
238.	World Stygies Viii	Malaysia	Sarawak	SMK Tung Hua
239.	World Stygies Viii	Malaysia	Sarawak	SMK Tung Hua
240.	World Stygies Viii	Malaysia	Sarawak	SMK Tung Hua
241.	Young Innovators	Malaysia	Selangor	SMK Seksyen 1 Bandar Kinrara
242.	Zelix	Malaysia	Selangor	SBP Integrasi Gombak

Table 9: Category 2 Video Submission List

Category 3: Above 18 Years Old

NO.	Team Name	Country	State	School Name
1.	DHA Project KVS	Malaysia	Selangor	Kolej Vokasional Sepang
2.	Eduspark Innovators	Malaysia	Johor	SJK T Ladang Tun Dr Ismail
3.	Rootastic Innovators	Malaysia	Selangor	Kolej Vokasional Sepang
4.	SCIVIBE	Malaysia	Sarawak	SK Long Luping
5.	Tamarlicious	Malaysia	Selangor	Kolej Vokasional Sepang
6.	Zeamays Tart - Shell Tart Berasaskan Tongkol Jagung	Malaysia	Selangor	Kolej Vokasional Sepang
7.	SCILAB	Malaysia	Sarawak	Institut Pendidikan Guru Tun Abdul Razak
8.	Garden	Malaysia	Selangor	SJKT Batu Arang
9.	Legend Scientist	Malaysia	Selangor	SJKT Batu Arang
10.	Mag Tato	Malaysia	W.P. Kuala Lumpur	SJKT Fletcher
11.	Moon	Malaysia	Selangor	SJKT Batu Arang
12.	AMX	Malaysia	Selangor	Taylor's College
13.	Azisters	Malaysia	Selangor	SBP Integrasi Gombak
14.	Bactoshell	Malaysia	W.P. Kuala Lumpur	UCSI University
15.	Badar Boys	Thailand	Satun	Phiman Phitthayasarn School
16.	Biotrinity	Malaysia	Penang	SMJK Perempuan China
17.	Candy Crush	Malaysia	Penang	SMJK Perempuan China Pulau Pinang
18.	Cell Titans	Malaysia	Pahang	Regent International School, Kuantan
19.	Chem2	Thailand	Narathiwat	Wiangsuwanwittayakhom School
20.	Clover	Malaysia	Penang	SMJK Perempuan China Pulau Pinang

21.	Eclipta Prostrata	Thailand	Satun	Thapaephadungwit School
22.	Educator	Malaysia	Kedah	SJKT Ladang Wellesley & IPG Tunku Bainun
23.	EM Pact	Malaysia	Penang	Study Form Six at SMK Chung Hwa Confucion
24.	Golden Nemo	Malaysia	W.P. Kuala Lumpur	UCSI University
25.	Hands-Up	Malaysia	W.P. Kuala Lumpur	UCSI University
26.	J^2S^2	Malaysia	Penang	SMJK Perempuan China Pulau Pinang
27.	J^2S^2	Malaysia	Penang	SMJK Perempuan China Pulau Pinang
28.	Light Weight	Malaysia	W.P. Kuala Lumpur	UCSI University
29.	M.A.S.K	Malaysia	W.P. Kuala Lumpur	UCSI University
30.	Mackerel Team	Thailand	Satun	Phiman Phitthayasarn School
31.	Nanosplash	Malaysia	W.P. Kuala Lumpur	UCSI University
32.	Natalie Square	Malaysia	Penang	SMJK Perempuan China Pulau Pinang
33.	Oopsie Daisies	Malaysia	W.P. Kuala Lumpur	UCSI University
34.	Pcghs Lovers	Malaysia	Penang	SMJK Perempuan China Pulau Pinang
35.	Pentacore	Thailand	-	Phiman Phitthayasarn School
36.	Phiman Group	Thailand	-	Phiman Phitthayasarn School
37.	Rainbow	Malaysia	Melaka	IPGK Perempuan Melayu
38.	Round and Round (Changed, Previously: Fantastic Five)	Malaysia	Selangor	Taylor's College
39.	SABS	Malaysia	Pahang	SMK Sultan Abu Bakar

40.	Sator Go Inter	Thailand	Nakhon SI Thammarat	Pakphanang School, Triam Udom Suksa School of The South
41.	Secret Recipe	Malaysia	Penang	Penang Chinese Girls High School
42.	Smart Coconut Peeler	Thailand	Satun	Phiman Phitthayasarn School
43.	Tannin Extract From Male Palm Flower Combined With Sea Salt	Thailand	Satun	Phiman Phitthayasarn School
44.	The Fantastic Four	Malaysia	Selangor	UCSI University
45.	The SNOT Lab Team	Indonesia	West Kalimantan	Tanjungpura University
46.	The SNOT Lab Team 1	Indonesia	West Kalimantan	Tanjungpura University
47.	The Stone	Malaysia	W.P. Kuala Lumpur	UCSI University
48.	The Wizards	Malaysia	Sarawak	IPG Kampus Tun Abdul Razak
49.	TUS	Thailand	Nakhon Si Thammarat	Triam Udom Suksa School Of The South
50.	We Are Strong	Thailand	Pattani	Darul-Ulum Witya School

Table 10: Category 3 Video Submission List

05 JUDGING PROCESS AND PROCEDURES

Judges Selection

An invitation email was sent to past judges of the Young Inventors Challenge (YIC) and the ASTI Feynman Challenge (AFC), as well as to potential new judges. A total of 192 judges from various backgrounds volunteered to serve as judges for the ASTI Feynman Challenge (AFC) 2025. The AFC judging team was led by a committee called the "Judging Panel," which consisted of experienced judges. The panel was responsible for setting the overall judging policy and overseeing the judging process.

The AFC 2025 judging team and judging panel were led by a Chief Judge and worked independently from the organising committee, in accordance with ASTI's judging policy. A WhatsApp group was created to facilitate communication and discussion among the judging panel. Dr. Kumaran Gengatharan was appointed as the Chief Judge to lead the panel and oversee the judging process.

Judging Process and Procedures

The AFC judging panel developed a marking rubric to assist judges in evaluating the videos more effectively. A recorded training video and the marking rubric were then emailed to all judges.

Since AFC is an online competition, the judging process was also carried out online. The videos for evaluation were sent to the judges on 8 August 2025, and the deadline for marking was set for 21 August 2025. The videos were emailed to the judges together with the marking rubric and a sample rubric to help them understand the marking process better.

A total of 553 videos were assigned to judges for assessment. Each video was independently assessed by 3 judges. The ASTI Secretariat compiled all the scores, and based on these marks, the Judging Panel selected the top 20 videos for each category. The Working Group Committee and the Chief Judge then reviewed and approved the winners for each category, including the winners of the Special Inclusivity Award.

All judges who participated in the video evaluation were awarded e-certificates as a token of appreciation for their contribution.

06 FUNDING AND BUDGET

The ASTI Feynman Challenge 2025 was fully funded. The details of income and expenditure are shown below:

Income	RM
Funding Received	53,600.00
Total Income	53,600.00
Less: Expenditure	
Modules Development & Licensing	5,000.00
Winning Prize for Category 1: Average Age of 10-12	1,800.00
Winning Prize for Category 2: Average Age of 13-17	1,800.00
Winning Prize for Category 3: Above 18	1,800.00
3 Special Inclusivity Award (RM 500 X 3)	1,500.00
Website and Online Registration Form Development	1,258.70
Designing and Promotion	2,350.00
Online Training 1 & 2	1,000.00
Video Evaluation and marking by Judges	2,000.00
Project Management and Secretariat Expenses	36,700.00
Total Expenditure	55,208.70
Excess Of (Expenditure)/Income*	(1,608.70)

*The excess of expenditure was overwritten by Association of Science, Technology, and Innovation internal funds.

07 SURVEY ANALYSIS

At the end of the programme, ASTI conducted a survey using a Google Form to gather participants' feedback for future improvement of the AFC. The survey consisted of 15 questions, and a total of 269 responses were received. The results are presented in the following graphs, accompanied by detailed explanations.

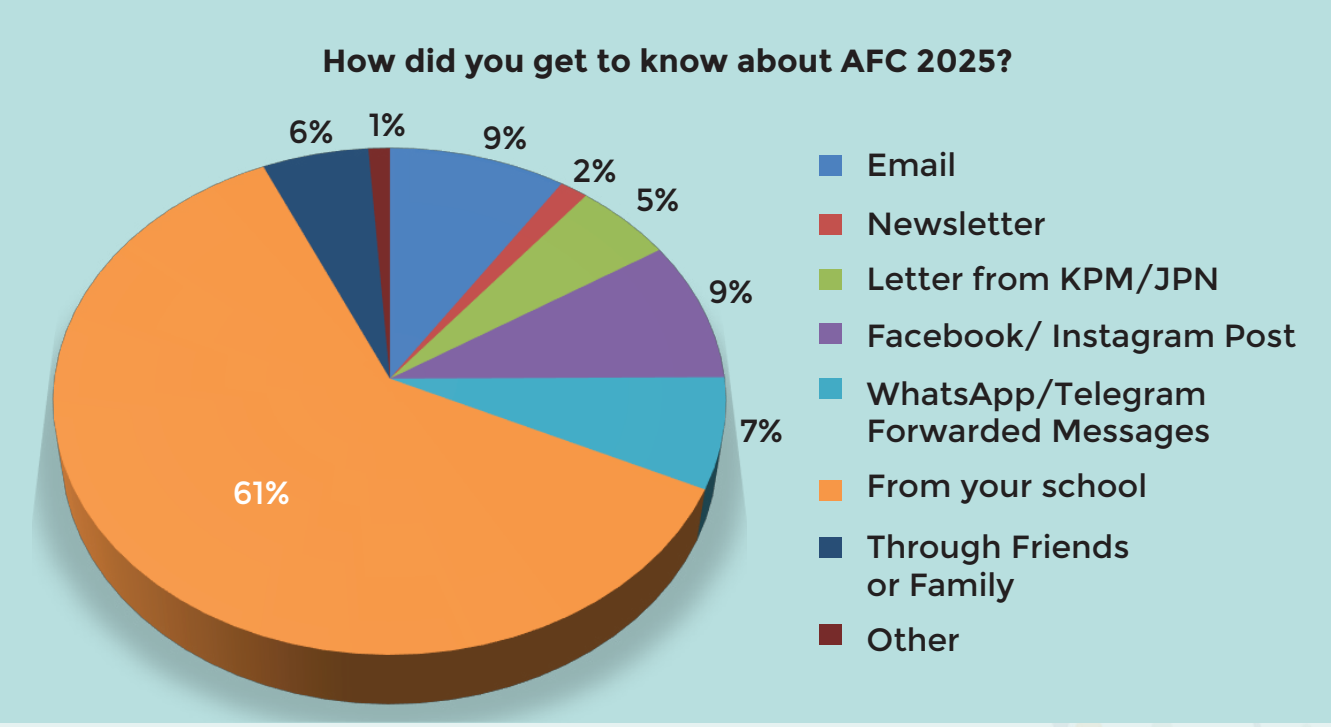


Figure 1: How Participants Learned About AFC 2025

Figure 1 shows the different ways participants learned about AFC 2025. The majority of respondents (61%) learned about AFC 2025 through their schools, showing that school communication remains the most effective outreach method. Social media (9%) and email (9%) were also significant sources, while WhatsApp/Telegram messages (7%) and friends or family (6%) contributed moderately. Only a small percentage heard through letters from KPM/JPN (5%), newsletters (2%), or other means (1%). Overall, the results highlight that schools and online platforms are the main ways people learn about AFC 2025.

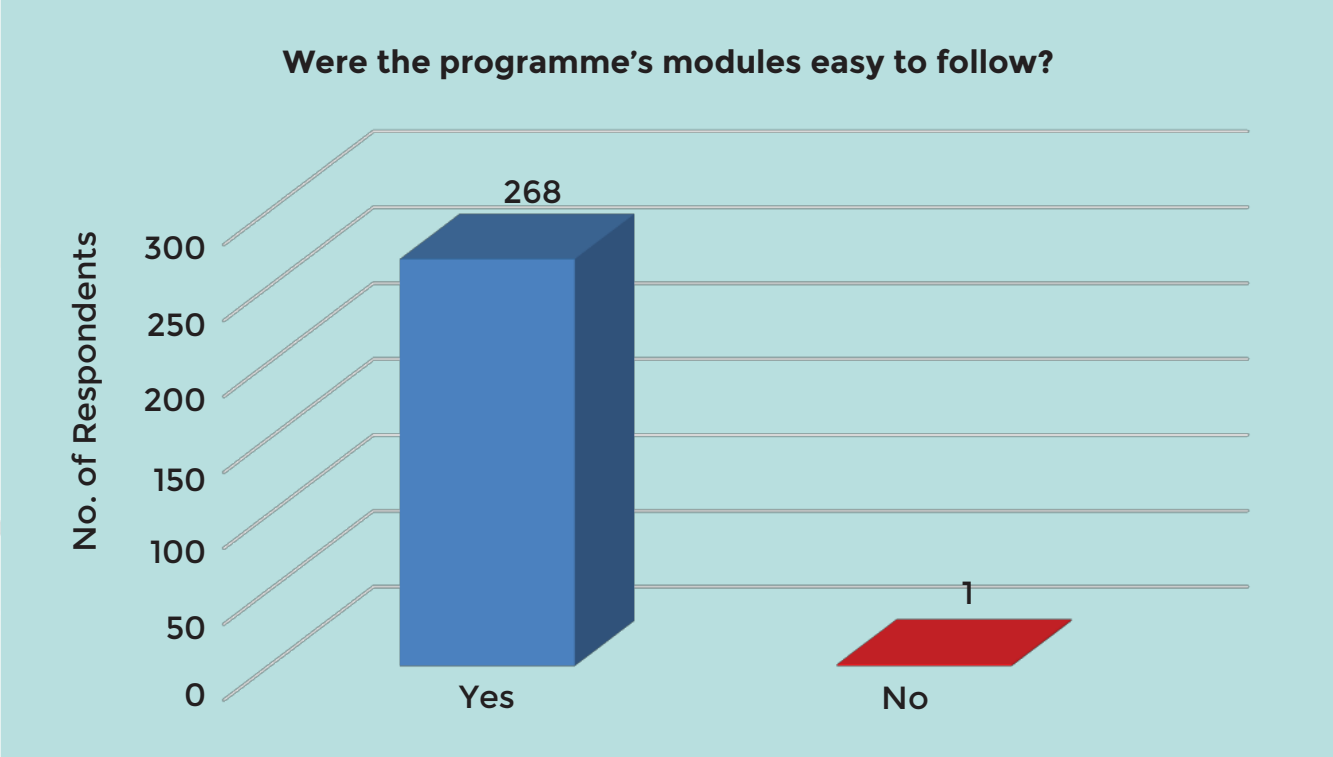


Figure 2: Participant Feedback on Module Clarity

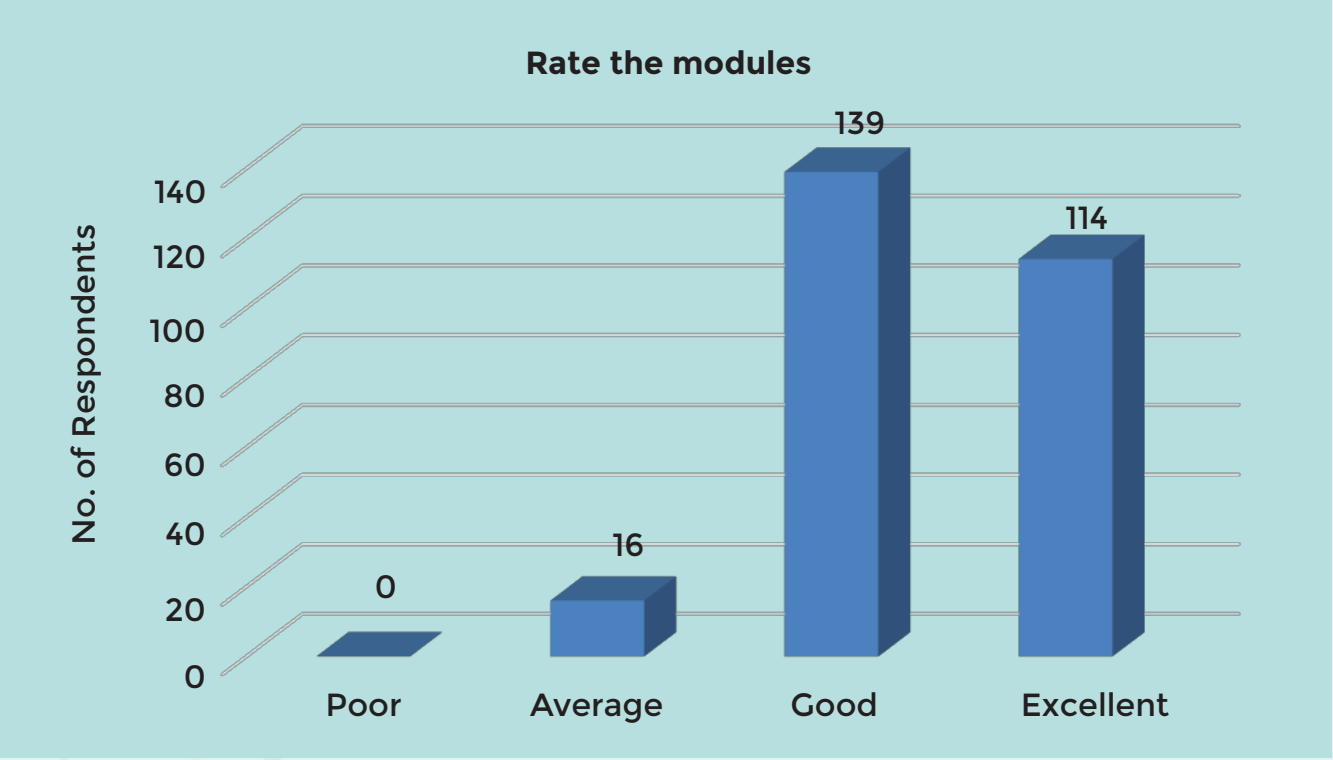


Figure 3: Participants' Rating of the Programme Modules

Figures 2 and 3 show participants' feedback on the programme modules, focusing on how easy they were to follow and how participants rated the overall quality of the modules. Almost all participants (99.6%) said the programme's modules were easy to follow, while only 0.4% said they were not. When rating the modules, 52% rated them as *Good*, 42% as *Excellent*, and 6% as *Average*, with none rating them as *Poor*. This shows that the modules were clear, easy to understand, and well-received by nearly all participants.

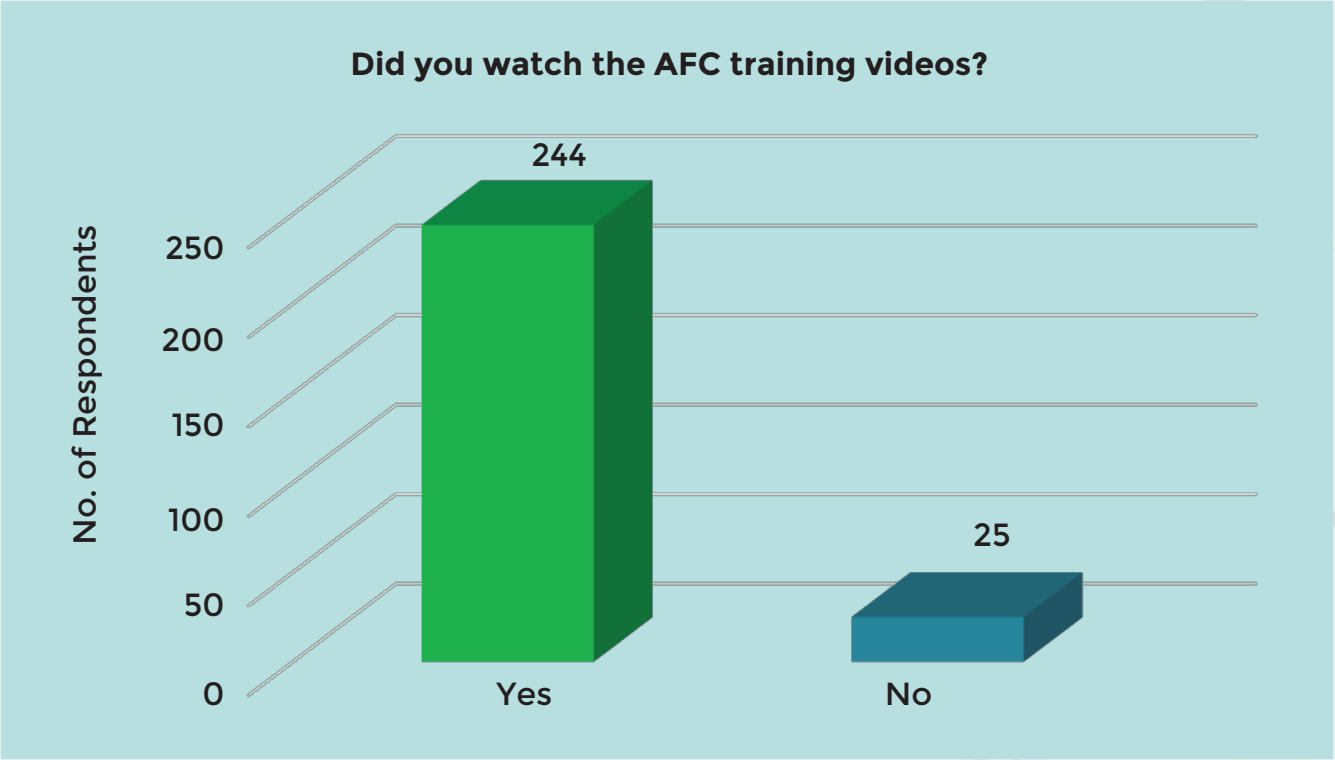


Figure 4: Engagement Level with AFC Training Videos

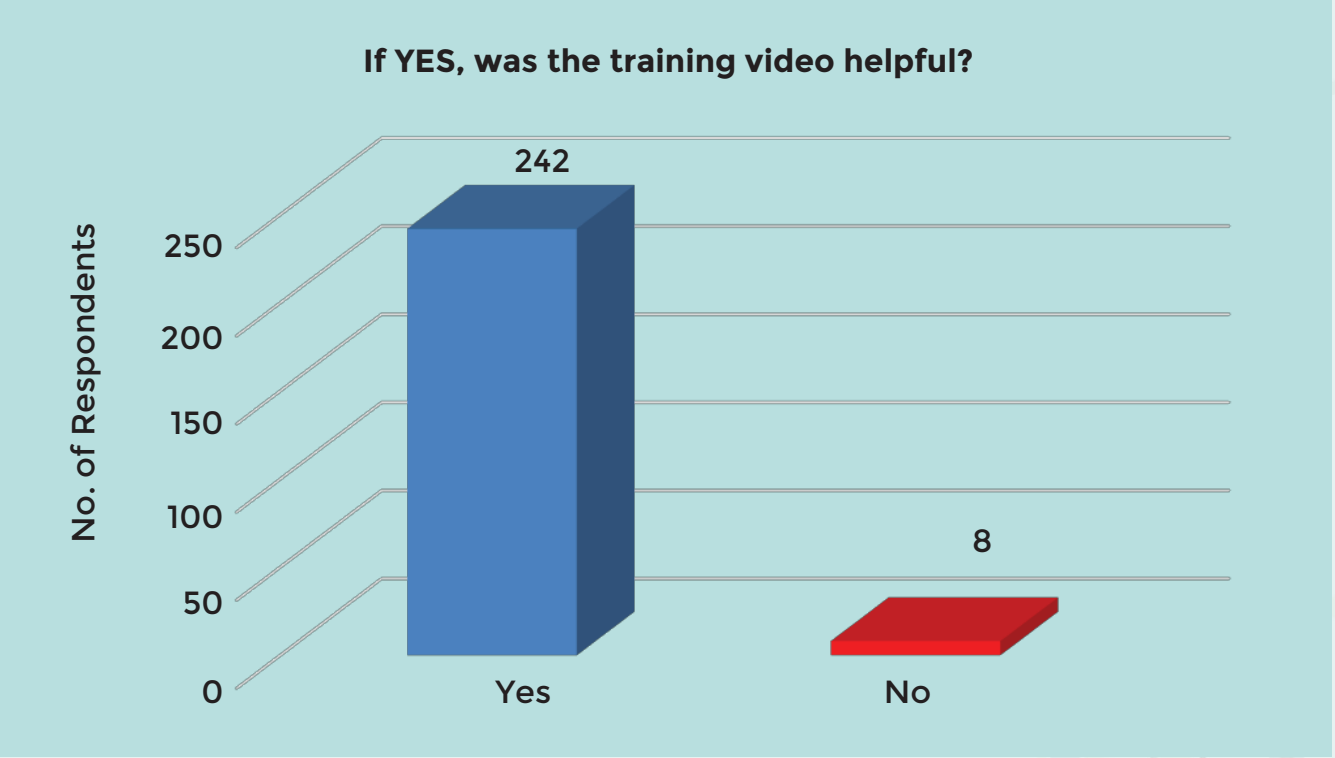


Figure 5: Participants' Feedback on the Helpfulness of Training Videos

Figures 4 and 5 show participants' engagement with the AFC training videos and their feedback on the usefulness of the videos. A total of 91% of participants watched the AFC training videos, while 9% did not. Among those who watched, 242 participants found the videos helpful and only 8 did not. This shows that the training videos were widely viewed and highly effective in supporting participants' understanding of the programme.

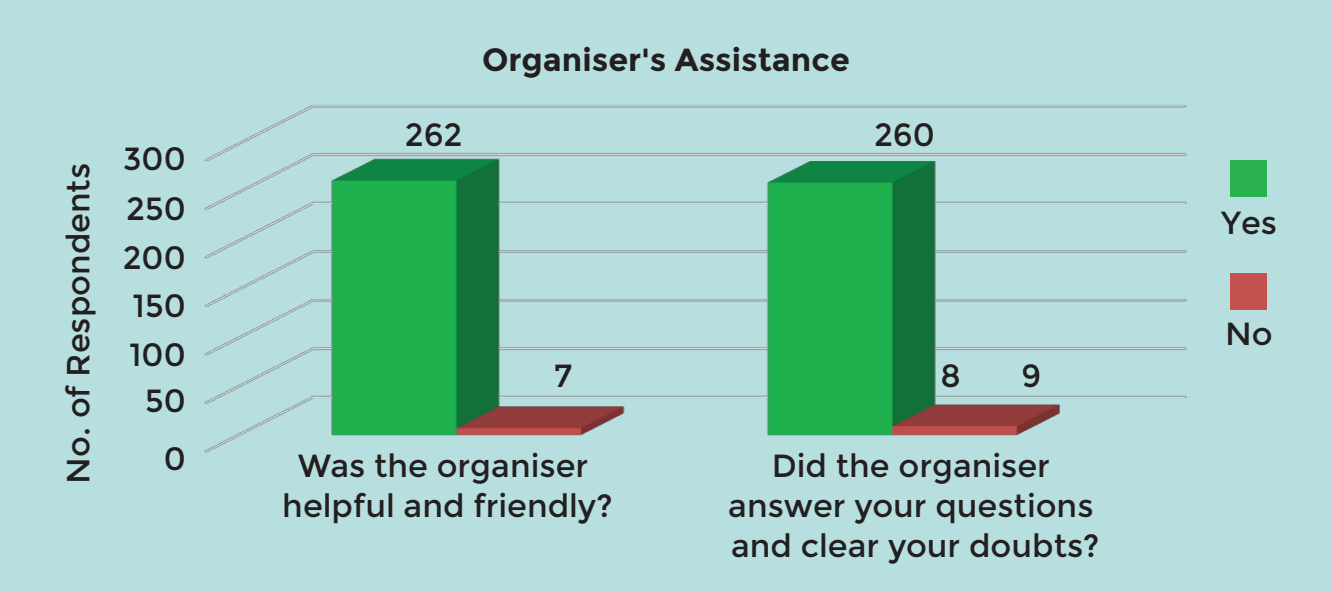


Figure 6: Participants' Feedback on Organiser's Assistance

Figure 6 shows participants' feedback on the organisers' helpfulness and effectiveness in addressing their questions and concerns. A total of 97% of participants said the organisers were helpful and friendly, while only 3% disagreed. Similarly, 97% mentioned that the organisers answered their questions and cleared their doubts, with 3% saying otherwise. This shows that the organisers provided strong support and effective communication throughout the programme.

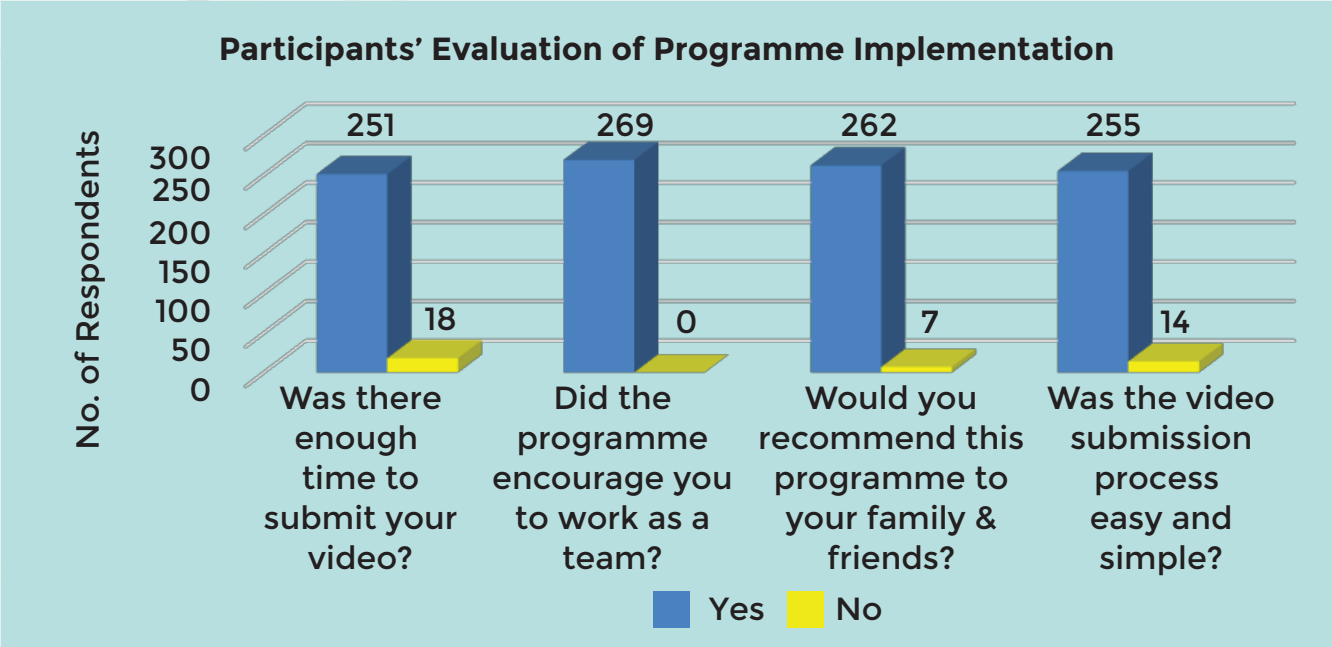


Figure 7: Participants' Evaluation of Programme Implementation

Figure 7 shows participants' feedback on various aspects of the programme's implementation, including teamwork, submission process, and overall experience. The majority of participants gave positive feedback on the programme's implementation. Most respondents agreed there was enough time to submit their videos (93%), and all participants said the programme encouraged teamwork (100%). A large majority would recommend the programme to others (97%), while many found the video submission process easy and simple (95%). Overall, participants were highly satisfied with the programme's structure and implementation process.

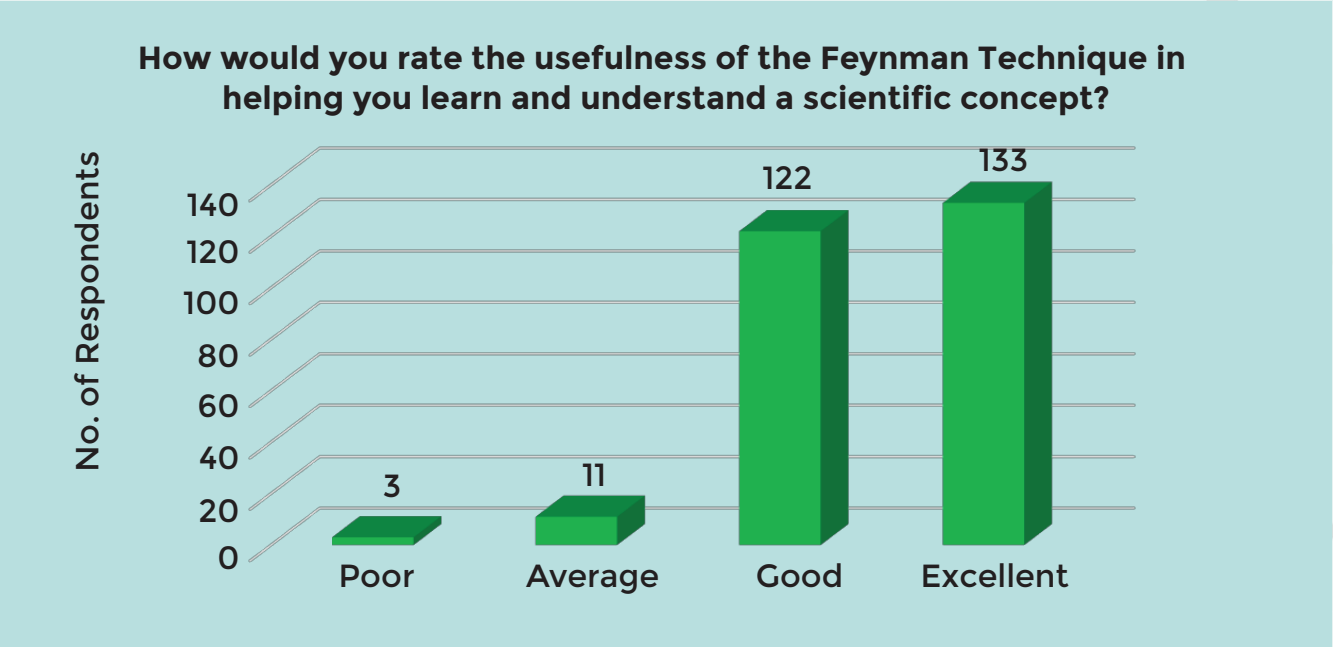


Figure 8: Usefulness of the Feynman Technique

Figure 8 shows participants' feedback on the usefulness of the Feynman Technique in helping them learn and understand scientific concepts. Most participants rated the technique positively, with 49% describing it as *Excellent* and 45% as *Good*. A small percentage rated it as *Average* (4%) or *Poor* (2%). These results indicate that the Feynman Technique was highly effective in enhancing participants' understanding of scientific concepts.

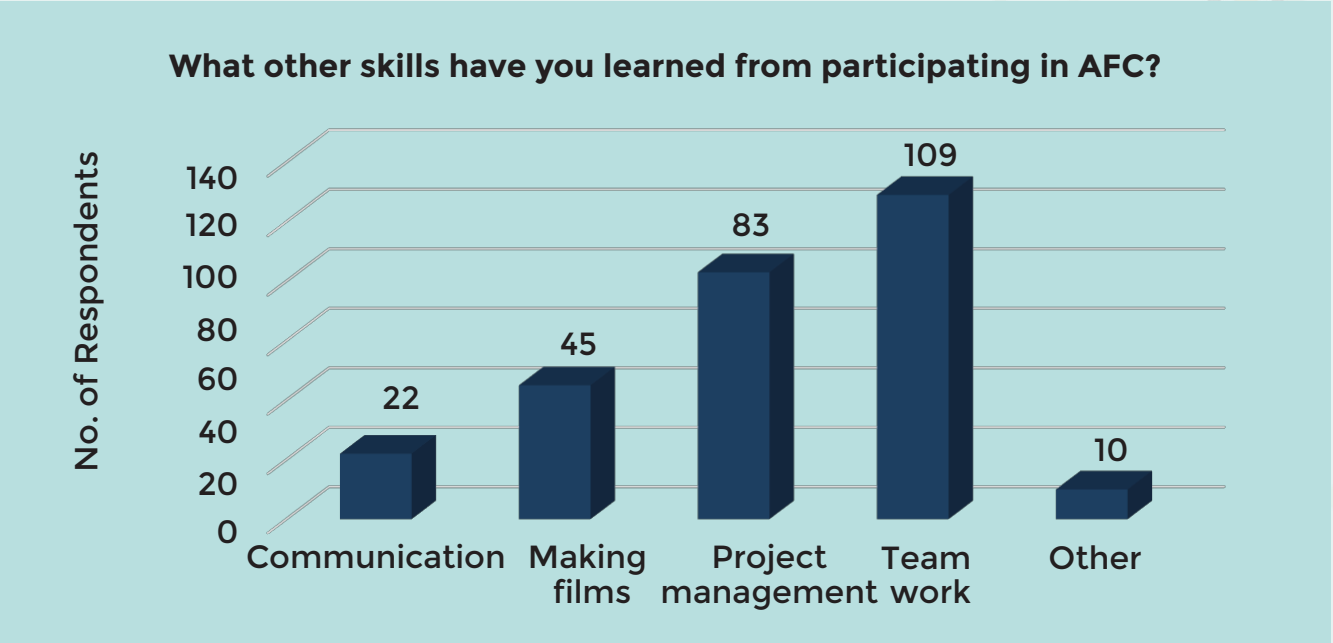


Figure 9: Skills Learned Through AFC Participation

Figure 9 shows the additional skills participants gained through their participation in AFC. The majority of participants (40%) reported learning teamwork skills, followed by project management skills (31%) and film-making skills (17%). A smaller percentage gained communication skills (8%) and other skills (4%). These findings suggest that AFC not only enhanced participants' scientific understanding but also helped them develop valuable collaborative and project-related skills.

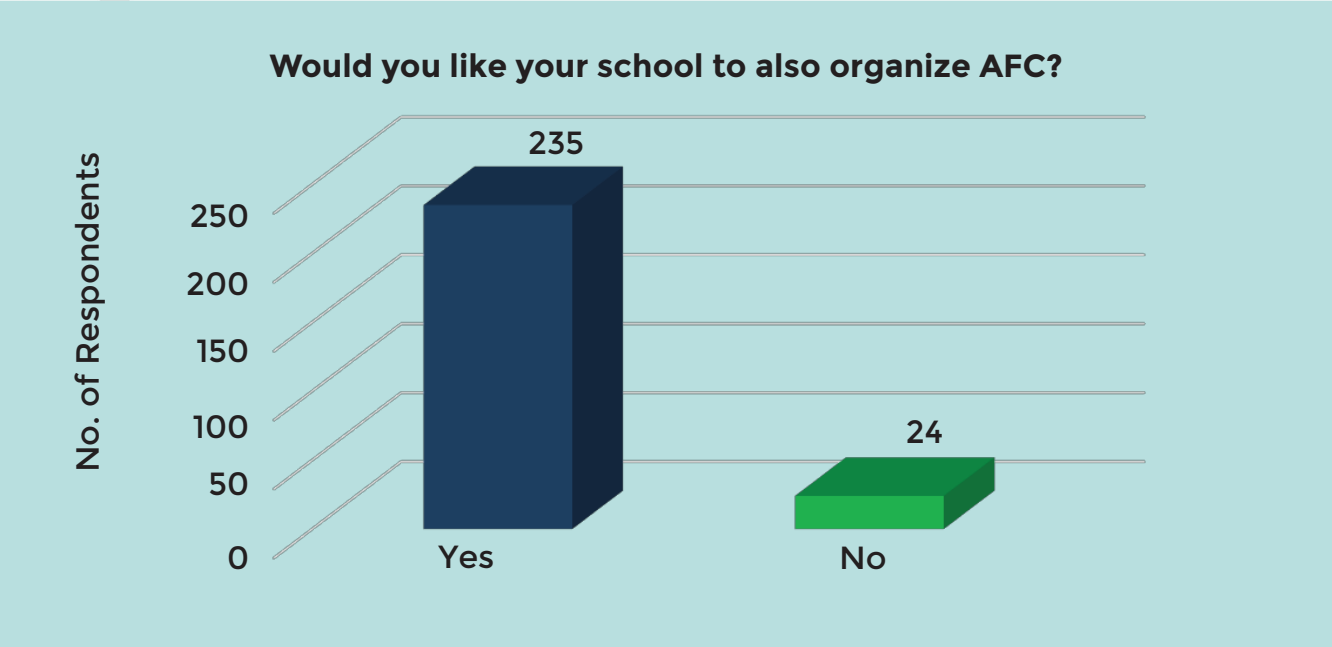


Figure 10: Interest in Organising AFC at School

Figure 10 shows participants' interest in having their schools organize the AFC programme. A large majority of participants (91%) expressed that they would like their schools to organize AFC, while only 9% said no. This indicates strong enthusiasm and support for the continuation and expansion of the programme at the school level.

We also asked the participants an open-ended question, and some of their responses (in bullet points) are as follows:

1. Please share your suggestions on how we can improve the AFC.

- Upgrade the programme recognition to international level.
- Students 7-9 years old should be allowed to participate.
- More publicity and advertisement on the competition so more schools can participate.
- Conduct onsite briefings at rural schools to encourage participation in AFC would help attract more participants from suburban and rural areas.
- Continuous workshop.
- Consider enhancing peer-to-peer learning by showcasing more winning videos, facilitating live presentations, allowing for diverse teaching tools beyond just inventions, expanding participation by providing resources for schools with limited technical access, and offering more educational content on the Feynman Technique and complex scientific concepts.

In conclusion, the AFC feedback shows very positive responses from participants. Most found the modules easy to follow, the training videos helpful, and the organiser supportive. Participants gained valuable skills such as teamwork and project management, and many expressed interest in having their schools organize AFC in the future.

08 VOLUNTEER MANAGEMENT

ASTI works with volunteers to run this project every year. For AFC 2025, volunteers supported the programme in the following ways:

- Working Group Members: We had 6 Working Group Members who are professionals and industry representatives. They contributed their time and knowledge to help plan and carry out AFC 2025.
- Video Judges: A total of 192 individuals from different industries volunteered as judges for the 5-minute video submissions, where students explained scientific principles.

09 SWOT ANALYSIS

Based on the survey findings, a SWOT analysis was conducted, and the summary is presented below.

Strength

- Successfully achieved participation from 6 countries.
- Good support and publicity from Ministry of Education Malaysia.
- The instruction given was clear and the organiser was very friendly.
- Ability to meet deadlines.
- Ability to invite a large number of judges.
- Provided additional training on ASTI Feynman Techniques.
- High number of registrations and video submissions from participants.
- The dedicated WGC ensured smooth and efficient execution of all AFC 2025 activities.
- Received international recognition.
- Achieved high participant satisfaction.
- Helped participants develop good skills.

Weakness

- Some participants were still poor at communicating their scientific concepts effectively.
- Some participants still have difficulty understanding the Feynman Technique.
- Some students were unable to apply the Feynman Technique effectively in their video preparation.
- Some participants misinterpret the concept of the competition.

Threat

- Participants had difficulty understanding and applying the Feynman Technique effectively.
- Limited internet or device access in rural schools could hinder participation.
- Uncertainty in continuous funding.

Opportunity

- Participants were aware of the Feynman Technique and its benefits.
- Participants were able to use the Feynman Technique in their learning.
- The participants successfully learned about video production and editing using advanced applications.
- The participants were able to publish their video content on the ASTI Feynman Institute webpage.

Recommendation

- More active promotion to reach wider audience globally.
- Provide science communication training and Feynman Technique training before participants prepare their presentations.
- Provide in-depth training by an expert in video production.
- Ensure financial sustainability through diversified funding sources.
- AFC with a theme-based approach.
- Boost promotion on social media platforms to attract participants beyond school channels.
- Continue the strong coordination by the WGC and organisers to maintain the programme's quality and consistency.
- Strengthen collaboration with education departments, corporate partners, and media for broader exposure and sustainability.
- Include the flags of countries that participated in AFC in the certificate for judges.
- Simplify the judging rubric.
- Be more specific with the criteria for video, narrow down the teaching method.

10 CONCLUSION

The ASTI Feynman Challenge (AFC) 2025 successfully continued its mission of promoting scientific understanding and communication among students through the Feynman Technique. The programme encouraged participants to explore scientific concepts creatively and explain them in their own words, fostering deeper learning and critical thinking. With strong participation and high-quality video submissions, AFC 2025 demonstrated the growing enthusiasm of students and teachers towards innovative science learning approaches.

The trainings and resources provided were well-received, enhancing participants' confidence in presenting scientific ideas effectively. The programme also emphasized teamwork, inclusivity, and accessibility, ensuring that students from diverse backgrounds could take part. We would like to express our sincere appreciation to our sponsor for the generous support and contribution towards the success of AFC 2025. Additionally, the dedication of judges, mentors, parents and participants contributed significantly to the success of this year's challenge.

We look forward to an even more exciting and impactful journey in AFC 2026 as we continue to inspire young minds to explore and communicate science creatively.

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