



EDUKATE-ASTI SCHOOL INITIATIVE for COVID19-PROTECTION

REPORT 2020

Community Partner:



Organızer:



EDUKATE



 $Community\ Partner:$









EDUKATE ASTI School Initiative for COVID-19 Protection (EASI-CP) 2020 Report

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1.0 Executive Summary

The Association of Science, Technology and Innovation (ASTI) and its organising partner Learning Orchard Sdn Bhd. initiated the EDUKATE-ASTI School Initiatives for COVID-19 Protection (EASI-CP) programme during the COVID-19 pandemic to provide online lessons to Malaysian primary schools students from Standard 4, 5 and 6. We felt that during the lockdown period, students have to continue their learning from the safety of their home. We believe that learning should never stop no matter what the circumstances are.

The online portal used was EDUKATE which provides online lessons for Science, Mathematics and English in 2 languages, Malay and English. ASTI and Learning Orchard opened the portal for all Malaysians to use for free for the month of April – June which was Phase 1 of EASI-CP. However, as June approached and the lockdown continued, Yayasan Hasanah through the Prihatin Initiative provided funding to continue the free portal usage for students until the end of December 2020 and to conduct an Online Assessment.

For Phase 3 of the implementation, we offered an online assessment for Mathematics, Science and English lessons to Malaysian students in Standard 4, 5 and 6 for free. The assessments for Mathematics and Science were available in four (4) languages: Malay, English, Tamil and Mandarin. The purpose of this assessment was to provide parents with an indication of the effectiveness of their child's learning during the lockdown period.

ASTI had engaged and collaborated with Institut Pendidikan Guru Malaysia (IPGM) to develop the online assessment questions. This process involved a total of 80 teachers and lecturers from various IPG Campuses as well as teachers from selected schools. All the questions that were developed and finalised underwent two circles of vetting process by professionals and experts and was signed off on the final questions.

The questions were then sent to Excelsoft of India, who is the developer of EDUKATE portal to set up the assessments in accordance with international assessment criteria. ASTI worked closely with them to develop the portal and tested it over a week period to make sure the portal was working effectively. Excelsoft is the online assessment portal developer for international assessments such as GMAT.

The marketing of EASI-CP was done via ASTI's own internal networks as well as the networks of IPGM and Extra-curricular Department of the Ministry of Education. EASI-CP obtained approval from the Director-General of MOE, Datuk Dr. Habibah Abdul Rahim.

2.0 Introduction

2.1 About The Project

The Association of Science Technology and Innovation (ASTI) in partnership with Learning Orchard Sdn Bhd and Excelsoft Technologies Pvt Ltd initiated a programme called EASI-CP (EDUKATE-ASTI SCHOOL INITIATIVE FOR COVID-19 PROTECTION) in the challenging time of the COVID-19 pandemic.

When the Lockdown was initiated, ASTI was deeply concerned for our young students who may not have been able to learn. We were particularly concerned with the students studying in public schools. Thus EASI-CP programme was developed and launched. This programme offers an educational platform called EDUKATE for free to all Malaysian students. The portal offers interactive lessons for Science, Mathematics and English following the Malaysian curriculum. The lessons are offered in 2 languages, Malay and English. Our intention was to help provide some continuity in our children's education while they stay at home from school. It was our hope that the children may be able to continue their learning from home so that they will be not left too far behind in the syllabus once they get back to school.

2.2 Organizers

ASTI is a not-for-profit, non-governmental organization (NGO) with the objectives of empowering young children through various science-based and, skills-development projects such as Science Fair for Young Children (SFYC), Young Inventors Challenge (YIC), Creative and Critical Thinking Camp/Workshops (CCT), ASTI Leap Challenge (ALC), A-PLUS Programme and also, a teacher training programme, On the Wings of Fire Series, in which we help build the teaching community's confidence through new teaching methodologies that is much-needed in today's fast-changing world. We also conduct various outreach programmes throughout the year to augment our science-related educational goals. ASTI also launched another project called ASTI Feynman Challenge (AFC) during the COVID-19 pandemic and has completed the project successfully. This project received an overwhelming response from the participants.

Learning Orchard Sdn Bhd is the provider of the EDUKATE portal/ website which is an online learning platform that is designed to enhance the students learning experience. It was specifically designed for the Malaysian syllabus in dual languages - Malay and English. EDUKATE was built using respected and proven E-Learning technologies which is also used by some of the most prestigious educational institutions (Oxford, Cambridge, Harvard, Nanyang University, British Council) and publishers (Pearson, Harper Collins) in the world. These technology platforms are also used by government ministries and agencies (Saudi Arabia, Singapore, New Zealand, New York civil service) and corporations (The Guardian, SMRT, P&G, Loreal).

This technology is also deployed in Excel Public School which is a technologically advances K-12 institution in India. The EDUKATE portal (www.edukate.com.my) offers Mathematics, Science and English lessons to Malaysian students in Year 4, 5 and 6 (UPSR level) studying the Malaysian syllabus. The Science and Mathematics lessons are available in both Malay and English.

2.3 Funding Partners

Yayasan Hasanah / Prihatin are the funding partner that provided financial support for the programme. Yayasan Hasanah has provided funding to other ASTI projects as well in the past such as Young Inventors Challenge (YIC) and ASTI Leap Challenge (ALC). Yayasan Hasanah aims to become a leading foundation that promotes Malaysia's global sustainability through solutions that encourage human capital development, empower communities, encourage social inclusivity and improve the local environment.

2.4 Project Partners

Institut Pendidikan Guru Malaysia (IPGM) is an educational institution under the Ministry of Education that trains prospective primary school teachers in all subjects. Currently, IPGM operates 27 campuses known as the Institut Pendidikan Guru (IPG). IPGM offers two types of learning, full-time and part-time learning. Trainee teachers at IPG will be placed in various types of schools throughout the country upon graduation.

3.0 PHASE 1

Promotion of EDUKATE ASTI School Initiative for COVID-19 Protection (EASI-CP) – Free Usage

The implementation of EASI-CP programme for Phase 1 was held from 26 March 2020 until 25 June 2020. Online learning was provided to users during this period for free.

3.1 Promotion Initiatives

3.1.1 Compile primary schools list – SK, SJKT, SJKC

ASTI started to compile schools list of Sekolah Kebangsaan (SK), Sekolah Jenis Kebangsaan Tamil (SJKT) and Sekolah Jenis Kebangsaan Cina (SJKC) to promote the programme to these schools. In total, ASTI compiled a list of 7,775 primary schools. In the primary school list, there were 5,953 Sekolah Kebangsaan, 1,298 Sekolah Jenis Kebangsaan Cina and 524 Sekolah Jenis Kebangsaan Tamil.

3.1.3 Compile all Jabatan Pendidikan Negeri

We had also compiled email address of employees from all 16 Jabatan Pendidikan Negeri (JPN). The JPNs were JPN Johor, JPN Kedah, JPN Melaka, JPN Kelantan, JPN Perlis, JPN Perak, JPN Sabah, JPN Sarawak, JPN Negeri Sembilan, JPN Terengganu, Jabatan Pendidikan Wilayah Persekutuan Kuala Lumpur, Jabatan Pendidikan Wilayah Persekutuan Labuan, Jabatan Pendidikan Wilayah Persekutuan Putrajaya, JPN Selangor, JPN Pulau Pinang and JPN Pahang.

3.1.2 Compile all departments in Ministry of Education

We compiled email address of employees from Ministry of Education. We had compiled more than 5,000 email address of employees from all departments in the ministry. We wanted the information of the programme to reach them so that they could share it with their family and friends.

3.1.4 Poster Designing

A poster was designed for the promotion of the programme for Phase 1. The poster was sent to ASTI contacts and compiled email addresses starting from 26 March 2020. The poster was also uploaded in ASTI website and ASTI Facebook. Below is the poster designed for the promotion of EASI-CP in Phase 1.



Keeping our Children Safely Learning at Home



YOUR KIDS DESERVE THE BEST **EDUCATION**

Our portal offers (for students in Std. 4, 5 & 6):

- Multimedia lessons available for every topic in the national syllabus
- ✓ E-books
- ✓ Test and Assessment
- ✓ Weekly reports to parents
- ✓ Maths and Science in dual languages (BM & English)



English

It's FREE Register Now



Log On To www.edukate.com.my

Recognizing the challenges our nation is facing and the need to keep our children learning, Excelsoft Technologies Pvt Ltd and Learning Orchard Sdn Bhd in partnership with the Association of Science, Technology and Innovation (ASTI) is launching a program called EASI-CP (EDUKATE-ASTI SCHOOL INITIATIVE FOR COVID19 PROTECTION) which offers our e-learning platform called EDUKATE FOR FREE to all students for the next 3 months (26th March to 25th June 2020). This will help ensure continuity in their education while they stay at home. EDUKATE was built using world class E-Learning technologies that is used by some of the most prestigious educational institutions (Oxford, Cambridge, Harvard) and publishers (Pearson, Harper Collins) in the world.









Poster Designed for Phase 1

3.1.5 Press Release

Press Note was prepared in 3 languages (English, Malay & Tamil) to be sent to the media on 26 March 2020 to promote and inform the media of the programme. The details of the programme were included in the press note.



Pertubuhan Sains,Teknologi dan Inovasi (PPM-012-10-25102012) No.16A, Jalan 21/12, Sea Park, 46300 Petaling Jaya, Selangor Tel: 03-78778571/03-78655557



Email: easicp2020@gmail.com

EDUKATE-ASTI SCHOOL INITIATIVE for COVID19 PROTECTION (EASI-CP)

PRESS RELEASE

EDUKATE is an online learning platform that is designed to enhance the students learning experience. It was specifically designed for the Malaysian syllabus in dual languages – Malay and English. EDUKATE was built on world class E-Learning technologies which is also used by some of the most prestigious educational institutions (Oxford, Cambridge, Harvard, Nanyang University, British Council) and publishers (Pearson, Harper Collins) in the world. The platform is also used by government ministries and agencies (Saudi Arabia, Singapore, New Zealand, New York civil service) and corporations (The Guardian, SMRT, P&G, Loreal). This technology is also deployed in Excel Public School which is one of the most technologically advance K-12 institution in India.

We are deeply concerned for our children who may not be able to learn in this time of crisis especially those studying in public schools. Hence, as our contribution to the nation in this challenging time of the COVID19 epidemic, The Association of Science, Technology and Innovation (ASTI) in partnership with Excelsoft Technologies Pvt Ltd and Learning Orchard Sdn Bhd would like to do our part by launching a program called EASI-CP (EDUKATE-ASTI SCHOOL INITIATIVE FOR COVID19 PROTECTION). This program offers our educational technology platform called EDUKATE FOR FREE to all Malaysian students for the next 3 months (26th March to 25th June 2020). This will help provide some continuity in our children's education while they may possibly need to stay home from school. It is our hope that our children can continue to learn their lessons at home so that they are not left to far behind in the syllabus once they get back to school.

The EDUKATE portal (www.edukate.com.my) offers Math, Science and English lessons to Malaysian students in Std 4,5 and 6 (UPSR level) studying the Malaysian syllabus. The Science and Math lessons are available in dual languages (Bahasa Malaysia and English).

The portal offers the following:

- Multimedia lessons for every topic in the national syllabus in Std 4,5 & 6
- E-books
- Test and Assessment
- · Weekly reports to parents
- Math and Science in dual languages (Bahasa Malaysia and English)

Science, Technology and Innovation in Action

Press Note in Prepared in Phase 1

3.1.6 Mass Media

ASTI arranged for Mr. Murali Mano from Learning Orchard Sdn Bhd to be interviewed on TraxxFm by telephone on 7 April 2020. The interview was to promote the 1st phase of the programme to listeners and general public.

3.2 Approval from MOE

ASTI had sought approval from Ministry of Education (MOE) to organise the programme. The ministry welcomed the initiative from ASTI to provide online learning to the students without any fee and had disseminated the information to all primary schools.

3.3 Edukate Portal

3.3.1 Portal Modification

Excelsoft, the EDUKATE portal developer initiated some portal modification to make the registration mobile friendly to ease the registration process for the students.

3.3.2 Students Registration

Students started registering to use the portal upon the first stage of publicity. A total of 976 students had registered as of 30 June 2020. More details from students were needed for registration purpose. The details were required to improve students' data base. Details such as school name, district, etc. were needed for registration.

3.3.3 Monitor and Troubleshoot Portal

ASTI and its partners were responsible to monitor and troubleshoot the portal. All queries from users were addressed accordingly. ASTI and EDUKATE also attended to students who had problems with registration and provided guidance and assistance to students who were using the portal for the first time.

4.0 PHASE 2

Extension of free usage for EASI-CP

Due to positive response from the users and funding from Yayasan Hasanah/ Prihatin, the program was extended to Phase 2 where the free usage was extended for another 6 months from 26 June 2020 to 31 December 2020. We did the second phase of publicity to encourage more students to register for free usage of the EDUKATE portal.

4.1 Collaboration with IPGM

ASTI collaborated with Institut Pendidikan Guru Malaysia (IPGM) in Phase 2 for EASI-CP. We had obtained approval from Director General of the Ministry of Education for the collaboration with IPGM for EASI-CP. As a collaboration partner, IPGM was responsible in developing the online assessment questions for Science, Mathematics and English subjects for Year 4, 5 and 6 for Phase 3 of the project. Besides that IPGM was also responsible for translating the Mathematics and Science question papers into Malay, Tamil and Mandarin Languages.

4.1.1 Meetings

Several meetings were held with IPGM in the initiative of the preparation for online assessment. A total of 3 meetings were held with IPGM in Phase 2. The details of the meetings held are as per below:

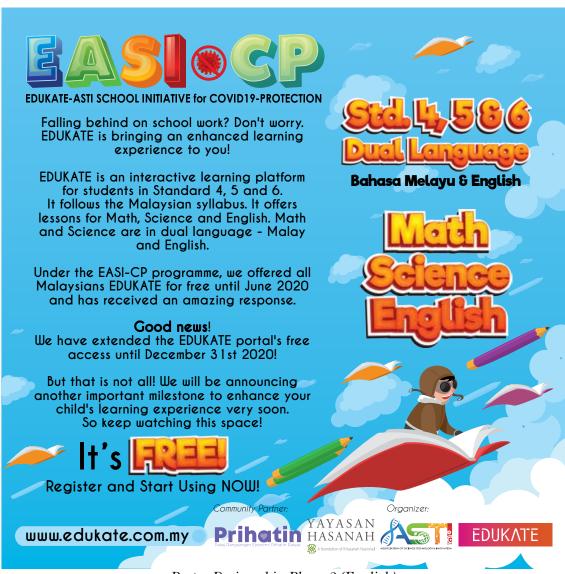
| Meeting | Date | Venue | Purpose of Meeting |
|---------|--------------|----------------------------|---|
| Meeting | 1 June 2020 | IPGM, Cyberjaya | 1st Collaboration Meeting to give introduction about the project to IPGM |
| Meeting | 12 June 2020 | IPGM, Cyberjaya | 2nd Collaboration Meeting to give explanation on the Platform and developing the Questions development framework |
| Meeting | 29 June 2020 | IPG Kampus Pulau Pinang | 3rd Collaboration Meeting to give explanation on the Platform and Questions development framework to the team in Pulau Pinang |

Table 1: Details of Meetings

4.2 Promotion Initiatives

4.2.1 Poster Designing

A poster was designed for Phase 2 to inform the public and users of the extension of the online learning for free until 31 December 2020. The poster was published on the ASTI website, Facebook and sent to ASTI contacts. The registration increased to 1112 students after the second phase of publicity. Below is the poster designed for EASI-CP online learning extension for Phase 2:



Poster Designed in Phase 2 (English)

4.2.2 Poster Translation

The poster was also translated and designed in Malay, Tamil and Mandarin languages in order to reach out to more students. Below are the posters in Malay, Tamil and Mandarin languages:



EDUKATE merupakan platform pembelajaran interaktif bagi pelajar darjah 4, 5 dan 6, yang mengikuti sukatan pelajaran Malaysia. EDUKATE menawarkan pembelajaran dalam mata pelajaran Matematik (dwibahasa), Sains (dwibahasa) dan Bahasa Inggeris.

Program EASI-CP telah menawarkan platform EDUKATE secara percuma sehingga Jun 2020 dan telah menerima sambutan hangat daripada seluruh Malaysia.

Berita baik! Kami telah memanjangkan akses percuma portal EDUKATE sehingga 31 Disember 2020.

Bukan itu sahaja!

Kami akan mengumumkan satu lagi pelan penting untuk meningkatkan pengalaman pembelajaran anak anda tidak lama lagi. Jadi terus mengikuti ruang ini untuk pengumuman selanjutnya!



Daftar dan Mula menggunakannya SEKARANG!

www.edukate.com.my





EDUKATE

Poster in Malay Language in Phase 2



EDUKATE-ASTI SCHOOL INITIATIVE for COVID19-PROTECTION

'EDUKATE' கற்றல் தளமானது 4,5 மற்றும் 6 ஆம் வகுப்புகளில் பயிலும் மாணவர்களுக்கான மலேசிய பாடத்திட்டங்களை அடிப்படையாகக் கொண்டு அமைக்கப்பட்டது. இத்தளமானது

இந்த 'ஈசி-சிபி' திட்டத்தின் கீழ் நாங்கள் 'EDUKATE' கற்றல் தளத்தை ஜூன் 2020 வரை இலவசமாக வழங்கியதன் மூலம் சிறப்பான வரவேற்பைப் பெற்றுள்ளோம்.

மேலும் ஒரு நற்செய்தி

'EDUKATE' கற்றல் தளத்தைத் தொடர்ந்து இலவசமாகப் பயன்படுத்தும் கால அவகாசத்தை டிசம்பர் 2020 வரை நீட்டித்துள்ளோம். தொடர்ந்து எங்களுடன் பயணித்துத்,திட்டங்களில் பங்கு வகிக்க வாருங்கள்!

அதுமட்டுமல்லாமல், மாணவர்களுக்கு மேலும் பலன் தரக்கூடிய பல திட்டங்களை மிக விரைவில் அறிவிப்பு செய்யவிருக்கிறோம். தொடர்ந்து எங்களுடன் பயணித்து, எங்கள் திட்டங்களில் பங்கு வகித்துப் பயன்பெற வாருங்கள்!

இது முற்றிலும்

இன்றே பதிவு செய்து, பயன்படுத்தி, பயனடையுங்கள்!

www.edukate.com.my

Poster in Tamil Language in Phase 2





EDUKATE-ASTI SCHOOL INITIATIVE for COVID19-PROTECTION

孩子们在课业上遇难题吗?请别担心. EDUKATE 将为您孩子带来不一样的学习体验!

EDUKATE以多媒体影片方式让4、5和6年级的学生增强学习印象,从真实教学场景出发。EDUKATE课程是根据马来西亚教育部统一规定的教学大纲,提供数学,科学和英语课程。而数学和科学以双语教学制度,即马来语和英语。

在EASI-CP现代教学计划下,EDUKATE 为所有马来西亚在籍学生提供免费试用配套直到2020年6月尾,并收到了惊人回响。

除此以外,EDUKATE 以带来另一项好消息!我们将 网站将延长免费试用期限至2020年12月31日!此 举亦让孩子能尝试不一样的学习体验!务必带您 家孩子一起参与,以免向隅!

另一项好消息,我们即将再发布新一轮特设的重要的教学纲要,将务必提高您孩子的学习经验。 因此,敬请继续密切关注关注EDUKATE!

免费

免费注册并立即开始使用!

社群伙伴:

www.edukate.com.my

Prihatin HASANAH

主办单位:

EDUKATE

Poster in Mandarin Language in Phase 2

马来文和英文





4.3 Other collaboration

4.3.1 Progam Perumahan Rakyat Termiskin (PPRT)

In order to reach out to the B40 community students for this project, we decided to collaborate with some of the representatives from PPRT (Program Perumahan Rakyat Termiskin). A meeting was held with representatives from PPR Sg Bonus & PPR Semarak, and PPR Batu Muda & PPR Lembah Subang for this purpose. In the meeting we came to know that it is a challenge for students from PPRT to participate in the programme as most of the children from PPRT do not possess a computer, laptop or smart phone to enrol in online learning platform. The majority of them also do not have internet connectivity. Due to this challenge, the collaboration with PPRT did not materialised.

4.4 Website Mobile Responsive

The registration and online assessment panel of the EDUKATE portal was further modified to be mobile friendly particularly the online assessment. Initially the portal could only be accessed from tablets and computers. The purpose the portal was made mobile friendly was to encourage more students to register and participate in Online Assessment through their mobile phones.

4.5 Approval from MOE

The Ministry of Education endorsed the implementation of Phase 2 and 3. They helped disseminate the offer to all Jabatan Pendidikan Negeri (State Education Department) and through them to all primary schools in Malaysia. We also received endorsement from Bahagian Sukan, Kokurikulum dan Kesenian.

5.0 PHASE 3

EASI-CP Assessment

We had launched the Phase III of the programme with an Online Assessment for all Malaysians for FREE. The "EDUKATE-ASTI School Initiative for COVID-19 Protection (EASI-CP) Online Assessment 2020" is an assessment to help students in Standard 4, 5, and 6 assess what they have learnt in the challenging year of the COVID-19 pandemic. The subjects that were covered include English, Mathematics and Science. Mathematics and Science were offered in 4 languages which were Malay, English, Mandarin and Tamil. The assessment was offered as a tool to parents and teachers to help them assess their children's understanding of what they have learnt in 2020 to help prepare for 2021 teaching and learning strategies. Students, parents and teachers received a report card on their assessment result and also a certificate after completing the online assessment.

The objectives of Online Assessment:

- For Students (and Parents) to gauge how much of the syllabus they have mastered.
- To enable students (and parents) to see the gap between what they should know and what they actually know.
- The system has automatic grading which allows the students to get their results immediately thus making the feedback very effective in learning from their mistakes.
- To provide the students with remedial recommendation that will help prepare them for school the following year.

5.1 Question development

ASTI collaborated with Institut Pendidikan Guru Malaysia (IPGM) to develop the online assessment questions. This process involved a total of 80 teachers and lecturers from various organizations such as IPGM (5), Pusat STEM Negara (2), Institut Pendidikan Guru Kampus (IPGK) Pendidikan Teknik (7), IPGK Pulau Pinang (7), IPGK Ipoh (31), IPGK Bahasa Antarabangsa (4), and "Excellent teachers" (Guru Cemerlang) from different States including Negeri Sembilan (2), Selangor (4), Wilayah Persekutuan (4), and Pulau Pinang (14).

5.1.1 Committee members election

A committee was formed to develop the assessment questions. The committee members comprise of IPG lecturers. A letter of appointment was issued to all members who were selected to be committee member.

5.1.2 Meetings & Workshops

Several meetings and workshops were held at IPGM Cyberjaya to discuss the questions development. Meanwhile workshops were also held at various IPG branches to develop questions. IPG Kampus Pulau Pinang, IPGM Cyberjaya and IPG Kampus Ipoh were selected as the venue for the workshops for questions development. The details of the meetings and workshops held are as per below:

| Meeting/ Workshops | Date | Venue | Purpose of Meeting |
|-----------------------|--------------------------|----------------------------|---|
| Workshop | 6 July 2020 | IPGM, Cyberjaya | Questions Development Workshop 1 for Central Region |
| Workshop | 6 July 2020 | IPG Kampus Pulau Pinang | Questions Development Workshop 1 in Pulau Pinang |
| Workshop | 21 July 2020 | IPG Kampus Pulau Pinang | Questions Development Workshop 2 in Pulau Pinang |
| Workshop | 28 July 2020 | IPG Kampus Pulau Pinang | Questions Development Workshop 3 in Pulau Pinang |
| Meeting | 28 July 2020 | IPGM, Cyberjaya | Update Sharing Meeting Between ASTI and IPGM |
| Workshop | 24 and 25 August 2020 | MH Hotel, Ipoh | Workshops for Questions Corrections and Translations |
| Meeting | 29 September 2020 | ASTI | Update Sharing Meeting Between ASTI and IPGM |

Table 2: Details of Meetings and Workshops

5.1.3 Finalizing the Questions

After developing the questions, they were reviewed and later finalized. The questions were edited and some questions were changed or modified according to the syllabus.

5.2 Question Translation & Vetting

5.2.1 Committee members election

Another committee was set up to translate the questions which were developed and finalised. Both the question papers for Mathematics and Science subjects for Year 4, 5 and 6 had to be translated into English, Tamil and Mandarin languages.

5.2.2 Workshop

IPG lecturers were invited for a workshop session to translate the questions. The question translation workshop was held at MP Hotel Ipoh, Perak on 24 & 25 August 2020. The questions were translated over a 2 days period.

5.2.3 Questions cross check

All the questions developed and finalised underwent two circles of vetting process by professionals and experts with the help of ASTI.

5.3 Website for Assessment

5.3.1 Question Review

As a final step, question papers were sent to volunteer teachers for review and to obtain their feedback by ASTI.

5.3.2 Monitor and Troubleshoot Portal

ASTI staff and a number of volunteers were involved in the Dry Run for the online assessment. They sat for the online assessment to test the system before the portal was ready for online assessment. The testing of the system and portal was called the "Dry Run" and it was conducted on 9th October 2020, 12th October 2020 and 13th October 2020.

5.4 Approval from MOE

ASTI obtained approval from Ministry of Education (MOE) Malaysia to conduct the online assessment for English, Science and Mathematics subjects for Year 4, 5 and 6. MOE also disseminated the information of online assessment to all State Education Departments so that it could reach all primary schools in the country.

5.5 Promotion Initiatives

5.5.1 Poster Designing

ASTI designed a poster in Phase 3 for the online assessment. The poster was designed to promote the online assessment to the Ministry of Education, Schools, ASTI's contacts and in social media. Below is the poster designed in English:



Online Assessment To Determine Your Child's Performance !!!

Worried about your child's performance and learning due to Covid-19 outbreak? We are proud to present the EDUKATE-ASTI School Initiative for Covid-19 Protection (EASI-CP) Online Assessment. We are offering online assessment for Mathematics, Science and English lessons to Malaysian students in Standard 4,5 and 6. The assessments are available in FOUR (4) languages: Bahasa Malaysia, English, Tamil and Mandarin.

Benefits of the EASI-CP Online Assessment:

- Ascertains how much the student has learned (or not learned) in 2020
- Identify areas of strengths and weaknesses
- Helps students prepare for the coming academic year
- Useful tool for parent or teacher to plan your child's learning future

The assessment date are as follows:

| Std. | | Deadlines for | | |
|------|--------------|---------------|--------------|--------------|
| Jid. | English | Mathematics | Science | Registration |
| 4 | 26 Oct. 2020 | 27 Oct. 2020 | 28 Oct. 2020 | 23 Oct. 2020 |
| 5 | 30 Oct. 2020 | 2 Nov. 2020 | 3 Nov. 2020 | 27 Oct. 2020 |
| 6 | 4 Nov. 2020 | 5 Nov. 2020 | 6 Nov. 2020 | 1 Nov. 2020 |

The student and parents will receive the results and remedial reports to help them improve in their academic performance in the coming year.



Poster Designed in Phase 3

Poster Translation

The poster was also translated and designed in Malay, Tamil and Mandarin languages. Below are the posters in all 3 languages mentioned:



Penilaian Atas Talian Untuk Menentukan Prestasi Anak Anda!!!

Risau tentang prestasi dan pembelajaran anak anda disebabkan oleh wabak Covid-19? Kami dengan bangganya mempersembahkan penilaian atas talian EDUKATE-ASTI School Initiatives for Covid-19 Protection (EASI-CP). menawarkan penilaian atas talian bagi subjek Matematik, Sains dan Bahasa Inggeris untuk murid tahun 4, 5 dan 6. Penilaian ini terdapat dalam EMPAT (4) Bahasa: Bahasa Malaysia, Bahasa Inggeris, Bahasa Tamil dan Mandarin.

Kelebihan penilaian atas talian EASI-CP:

- 🦀 Menentukan sejauh mana pelajar telah belajar (atau tidak) dalam 2020.
- Mengenalpasti bidang kekuatan dan kelemahan pelajar.
- Membantu pelajar bersedia untuk menghadapi tahun akademik yang akan datang.
- Platform yang berguna untuk ibu bapa atau guru bagi merancang pembelajaran masa depan anak-anak.

Tarikh bagi penilaian adalah seperti berikut:

| Tahun | | Tarikh Tutup | | | |
|-------|-----------------|--------------|--------------|--------------|--|
| | Bahasa Inggeris | Matematik | Sains | Pendaftaran | |
| 4 | 26 Okt. 2020 | 27 Okt. 2020 | 28 Okt. 2020 | 23 Okt. 2020 | |
| 5 | 30 Okt. 2020 | 2 Nov. 2020 | 3 Nov. 2020 | 27 Okt. 2020 | |
| 6 | 4 Nov. 2020 | 5 Nov. 2020 | 6 Nov. 2020 | 1 Nov. 2020 | |

Pelajar dan ibu bapa akan menerima keputusan dan laporan pemulihan bagi membantu mereka dalam memperbaiki prestasi akademik pada tahun akan datang.

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Pringtin HASANAH

Disokong oleh:

YAYASAN



EDUKATE

Poster in Malay Language in Phase 3



உங்கள் குழந்தைகளின் செயல்திறனையும் கற்றல்திறனையும் தீர்மானிக்க ஒர் இளவச இணையதள மதிப்பீடு!!!

கோவிட் -19 காரணத்தினால் உங்கள் குழந்தைகளின் செயல்திறனையும் கற்றல்திறனையும் குறித்து கவலைப்படுகிறீர்களா? ஈசி - சிபி (EDUCATE- ASTI SCHOOL INITIATVE FOR COVID-19 PROTECTION) எனப்படும் இணையதன மதிப்பீட்டினை அறிமுகப்படுத்துவதில் நாங்கள் பெருமிதம் கொள்கிறோம். இந்தக் கற்றல் தனத்தில் மலேசிய பாடத்திட்டத்தின் அடிப்படையில் 4, 5, 6 ஆம் ஆண்டு மாணவர்களுக்கு கணிதம், அறிவியல் , ஆங்கிலப் பாடங்களை உள்ளடக்கிய இணையதள மதிப்பீட்டினை வழங்கவுள்ளோம். இந்த மதிப்பீடு ஆங்கிலம், மலாய், தமிழ், & மாண்டரின் ஆகிய நான்கு (4) மொழிகளில், வடிவமைக்கப்பட்டுள்ளது.

ஈசி - சிபி இணைய தள மதிப்பீட்டின் பயன்கள்:

- 🌞 2020 ஆம் ஆண்டில் மாணவர்கள் கற்ற கல்வியின் அடைவுநிலையை அறிந்து டுகாள்ளலாம்.
- 🌞 மாணவர்களின் ஆற்றல் மற்றும் பலவீனத்தை அடையாளம் கண்டு அவற்றுக்கான தீர்வினைத் தீட்டமிட வாய்ப்பளிக்கும்.
- 🎨 அடுத்து வரும் கல்வியாண்டிற்க்கு மாணவர்களை தயார்படுத்தி கொள்ள உதவும்.
- 🌼 மாணவர்களின் எதிர்கால கற்றலைத் திட்டமிட டுபற்றோர் அல்லது ஆசிரியருக்குப் பயனுள்ள கருவியாக விளங்கும்.

இணையகள் மகிப்பீட்டு கேகிகள் பின்வகமாறு:

| a dua | | பதிவின் இறுதி நாள் | | |
|-------|-------------------|-----------------------|------------------|-------------------|
| ஆண்டு | ூ நங்கீலம் | கணிதம் | அறிவியல் | இறுத் நாள் |
| 4 | 26 ഉക്ട്രേഗ് 2020 | 27 ഉള്പോൾ 2020 | 28 gjáschuð 2020 | 23 gráschuá 2020 |
| 5 | 30 gjá6chui 2020 | 2 ჯიაბსჩ 2020 | 3 ჯობსჩ 2020 | 27 glátichun 2020 |
| 6 | 4 ട്രഖർഗർ 2020 | 5 უფბსჩ 2020 | 6 ക്രമര്ഗ് 2020 | 1 ചയർഗ് 2020 |

பெற்றோர்கள் தங்கள் குழந்தைகளின் செயல்திறனையும் கற்றல்திறனையும் குறித்து அறிக்கையைப் பெறுவார்கள்

மேலும் விபரங்களுக்கு www.edukate.com.mv

வளம் வாருங்கள்.



Prinatin HASANAH

YAYASAN



EDUKATE

Poster in Tamil Language in Phase 3



免费在线测验评估,以确定您的孩子的表现!!!

担心您的孩子因Covid-19瘟疫而影响学习进度吗?我们很自豪地介绍 EDUKATE-ASTI School Initiatives for Covid-19 Protection (EASI-CP) 在线测验 评估方案。我们为4,5和6年纪的马来西亚学生提供在线数学,科学和英 语课程。在线测验评估是以四种(4)语言:国语,英语,泰米尔语和华话 来进行。

EASI-CP在线测验评估的好处:

- № 确定学生在MCO期间在2020年学习进度
- ₩ 确定学生的强项和弱点并赶上学习进度
- № 帮助学生为即将来临的学年做好准备
- № 让家长或老师更妥善安排学生学习方向 评估日期如下:

| 年纪 | 8.0 | 报名截止日期 | | |
|----|--------------|--------------|--------------|---|
| | 英语 | 数学 科学 | | 10. 11. 11. 11. 11. 11. 11. 11. 11. 11. |
| 4 | 26 Oct. 2020 | 27 Oct. 2020 | 28 Oct. 2020 | 23 Oct. 2020 |
| 5 | 30 Oct. 2020 | 2 Nov. 2020 | 3 Nov. 2020 | 27 Oct . 2020 |
| 6 | 4 Nov. 2020 | 5 Nov. 2020 | 6 Nov. 2020 | 1 Nov. 2020 |

学生和家长将收到测验结果和学习进度报告,以帮助他们改善来年的学业成绩。

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了解更多详细信息!



社群伙伴: Prihatin YAYASAN HASANAH

主办单位:

EDUKATE

Poster in Mandarin Language in Phase 3

5.5.3 Poster Supplement

A poster supplement was also developed to explain the registration and online assessment process. The poster supplement was sent along with the poster designed in all 4 languages to Ministry of Education, JPNs, schools and ASTI contacts.

5.5.4 Inter-PGB (Headmasters Organization) Competition

ASTI organised an Inter-PGB (Headmasters Organization) competition to encourage the organization to get their schools to participate in the online assessment. It was also intended to get more students to do the online assessment.

5.5.5 Mass Media

ASTI arranged for Mr. Murali Mano from Learning Orchard Sdn Bhd to be interviewed on TraxxFm by telephone on 27 October 2020. The interview was to promote the programme to the listeners. Meanwhile the information of the online assessment for the programme was also run by Malaysiakini website on 30 October 2020. Below is the link of the programme information in the website:

https://www.malaysiakini.com/announcement/548678



In the promotion course, ASTI also sought the assistance of National Union of the Teaching Profession Malaysia (NUTP) and Parent-Teacher Association (Persatuan Ibu Bapa dan Guru). ASTI requested these organizations to disseminate the information of the online assessment to the schools and teachers.

5.6 Assessment

5.6.1 EASI-CP Online Assessment Schedule

The online assessment was successfully held as per dates below:

| | Dates for Assessment | | | | | |
|------|----------------------|-----------------|-----------------|--|--|--|
| Year | Mathematics | English | Science | | | |
| 4 | 27 October 2020 | 26 October 2020 | 28 October 2020 | | | |
| 5 | 2 November 2020 | 30 October 2020 | 3 November 2020 | | | |
| 6 | 5 November 2020 | 4 November 2020 | 6 November 2020 | | | |

Table 3: Online Assessment Schedule

5.6.2 Responses / Participation

We had launched the Phase III which is the online assessment and the promotion officially started on the 7 October 2020. The registration to use the portal and to sit for the assessment increased to **3,145** as of November 2020. The table below shows the number of students registered according to states and standards:

| State | Class 4 | Class 5 | Class 6 | Grand Total |
|-----------------|---------|---------|---------|-------------|
| Johor | 97 | 70 | 77 | 244 |
| Kedah | 24 | 30 | 64 | 118 |
| Kelantan | 3 | 3 | 4 | 10 |
| Melaka | 6 | 15 | 10 | 31 |
| Negeri Sembilan | 35 | 37 | 35 | 107 |
| Pahang | 4 | 7 | 8 | 19 |
| Perak | 24 | 13 | 32 | 69 |
| Perlis | 1 | 1 | 1 | 3 |
| Pulau Pinang | 42 | 23 | 64 | 129 |
| Sabah | 4 | 7 | 1 | 12 |
| Sarawak | 4 | 5 | 2 | 11 |
| Selangor | 318 | 269 | 244 | 831 |
| Kuala Lumpur | 82 | 141 | 181 | 404 |
| Putrajaya | 48 | 7 | 12 | 67 |
| Others | 488 | 290 | 312 | 1087 |
| Total | 1180 | 918 | 1047 | 3145 |

Table 4: Students registration according to the states

We completed the online assessment on 6 November 2020 and a total of 590 students have sat for all the three (3) assessment and 236 students have partially completed the assessment. The details are shown as below:

| Standard | Total Registered | All Present (Completed all 3 Assessment) | Partial (Completed 1 or 2 Assessment) | Absent |
|----------|------------------|--|---|--------|
| 4 | 1180 | 173 | 73 | 934 |
| 5 | 918 | 182 | 84 | 652 |
| 6 | 1047 | 235 | 79 | 733 |
| Total | 3145 | 590 | 236 | 2319 |

Table 5: Breakdown of Total Students Registered, All present, partially present and absent

There was a total of 2319 students were not able to sit for the assessment because of few reasons as below:

- Missed the assessment dates and time
- Forgot username and password
- Did not complete the registration process to sit for the assessment
- Did not check emails on the updates on the Online assessment
- Wrong email address were submitted during the registration
- Wrong contact number were submitted during the registration

5.6.3 Assessment Report & Analysis

The EDUKATE system generated two sets of reports. One is the Individual Student's Report Card (Sample in Appendix 1) which was sent to the parents and teachers on the 11 November 2020. Another one is the overall assessment performance report.

The student's report consists of the followings:

- Overall average score,
- Well performed subjects,
- Overall class average,
- Number of questions answered correctly and wrongly by subjects,
- Scores according to taxonomy classification: Remembering, Understanding, Applying, Analysing and Evaluating,
- Scores according to the difficulty level: Low, Medium and High,
- Scores by subjects and Improvement required Topics.

The Overall Assessment Performance report has been summarised as below:



Graph 1: Monthwise Registration Details

The Graph 1 above shows the Registration in terms of months which indicates the registration increase during and after the publicity and promotion in March, July and October. The registration shows the highest increase when the Online Assessment was launched in October 2020.





Graph 2: Registration by States

Graph 2 shows the students registration by states. Selangor, Wilayah Persekutuan Kuala Lumpur shows the highest number of registration. The "Other" in the graph indicates the number of students who did not mention the state that they belong to when registering. The graph also roughly correlates with the level of development of the states in question, i.e. Selangor, Wilayah Persekutuan, Johor and Pulau Pinang being the most developed states which also shows the highest number of registrants. Anecdotal evidence from other educational providers and from some teachers indicates that the lack of devices and the familiarity of online learning to be one of the causes of most students not being able to learn online. This issue clearly requires more investigation.

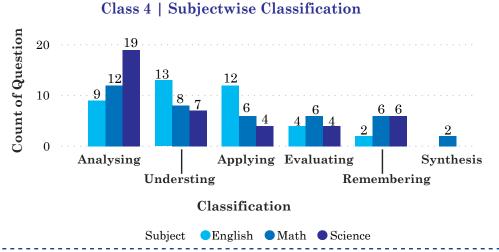
Questionwise Analysis

| | Class 4 | Į. | | Class 5 | 5 | | Class 6 | 3 |
|------------|----------|------------|------------|----------|------------|------------|----------|------------|
| English 40 | Maths 40 | Science 40 | English 40 | Maths 40 | Science 40 | English 40 | Maths 40 | Science 40 |

Table 6: Question wise Analysis

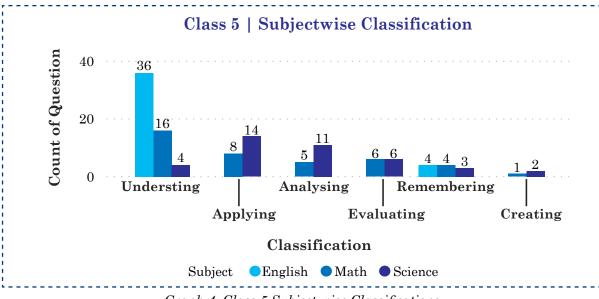
Table 6 above shows the breakdown of questions for each class and the Maths and Science questions were translated and made available in 4 languages. So a total of 1080 questions were prepared (40questions x 2subjects x 4languages x 3 classes) + (40questions x 3classes).

Each question was further classified according to the blooms taxonomy and level of difficulty.



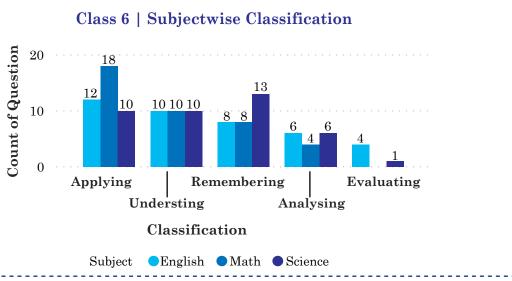
Graph 3: Class 4 Subject wise Classifications

Graph 3 shows Class 4 questions for each paper (English, Maths and Science) that were classified based on bloom's taxonomy which is Remembering, Understanding, Applying, Analysing, Evaluating and Synthesising. The English paper contains 9 analysing questions, 13 understanding questions, 12 applying questions, 4 evaluating questions and 2 remembering questions. The maths paper contains 12 analysing questions, 8 understanding questions, 6 applying questions, 6 evaluating questions, 6 remembering questions and 2 synthesising questions. The science paper contains 19 analysing questions, 7 understanding questions, 4 applying questions, 4 evaluating questions and 6 remembering questions.



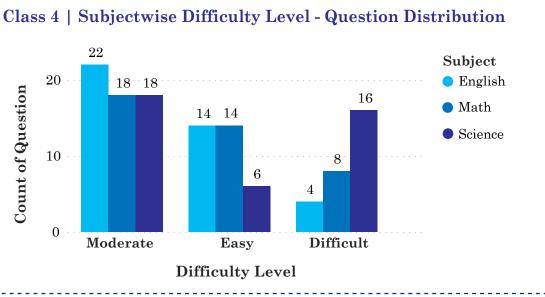
Graph 4: Class 5 Subject wise Classifications

Graph 4 shows the Class 5 questions for each paper (English, Maths and Science). The English paper contains 36 understanding questions and 4 remembering questions. The maths paper contains 16 understanding questions, 8 applying questions, 5 analysing questions, 6 evaluating questions, 4 remembering questions and 1 creating question. The science paper contains 4 understanding questions, 14 applying questions, 11 analysing questions, 6 evaluating questions, 3 remembering questions and 2 creating questions.



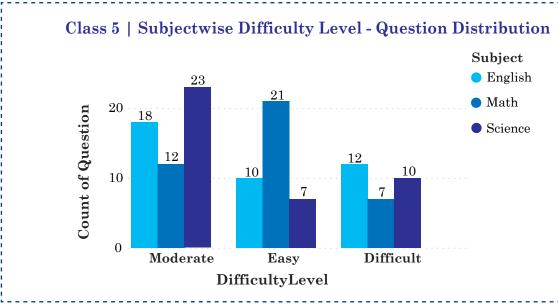
Graph 5: Class 6 Subject wise Classifications

Graph 5 shows the Class 6 questions for each paper (English, Maths and Science). The English paper contains 12 applying questions, 10 understanding questions, 8 remembering questions, 6 analysing questions, and 4 evaluating questions. The Maths paper contains 18 applying questions, 10 understanding questions, 8 remembering questions, and 4 analysing questions. The science paper contains 10 applying questions, 10 understanding questions, 13 remembering questions, 6 analysing questions, and 1 evaluating question.



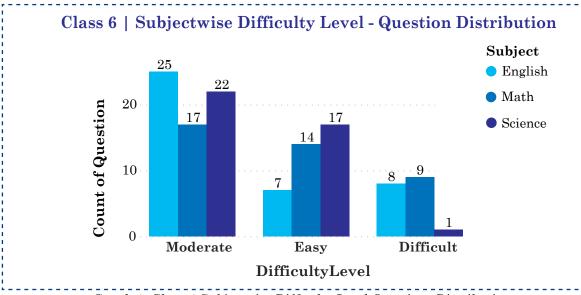
Graph 6: Class 4 Subjectwise Difficulty Level Questions Distribution

The graph 6 shows Class 4 English Assessment Questions contain 22 moderate, 14 Easy and 4 difficult questions. The Maths assessment comprised of 18 moderate, 14 easy and 8 difficult questions. The science assessment contains 18 moderate, 6 easy and 16 difficult questions.



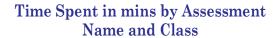
Graph 7: Class 5 Subjectwise Difficulty Level Questions Distribution

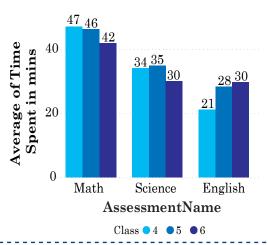
The graph 7 represents difficulty level of questions for Class 5. English Assessment Questions contain 18 moderate, 10 Easy and 12 difficult questions. The Maths assessment comprised of 12 moderate, 21 easy and 7 difficult questions. The science assessment contains 23 moderate, 7 easy and 10 difficult questions.



Graph 8: Class 6 Subjectwise Difficulty Level Questions Distribution

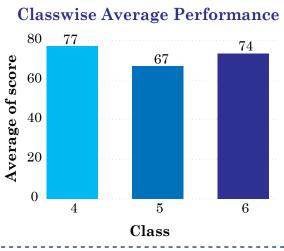
The graph 8 indicates questions distribution according to difficulty level for Class 6. English Assessment Questions contain 25 moderate, 7 Easy and 8 difficult questions. The Maths assessment comprised of 17 moderate, 14 easy and 9 difficult questions. The science assessment contains 22 moderate, 17 easy and 1 difficult questions.





Graph 9: Time Spent in Mins by Assessment Name and Class

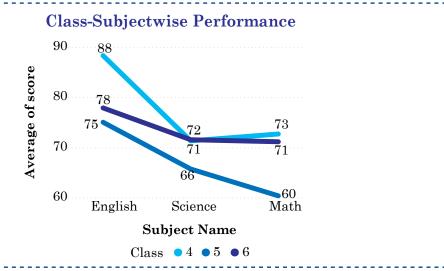
The graph 9 above shows the time spent by the students to complete the assessment by class and subject. The class 4 students took an average of 47 minutes, 34 minutes and 21 minutes to complete Maths, Science and English assessment respectively. The class 5 students took an average of 46 minutes to complete Maths assessment, 35 minutes to complete Science assessment and 28 minutes to complete English assessment. The class 6 students took an average of 42 minutes to complete Math assessment, 30 minutes to complete Science assessment and 30 minutes to complete English assessment.



Graph 10: Class wise Average Performance

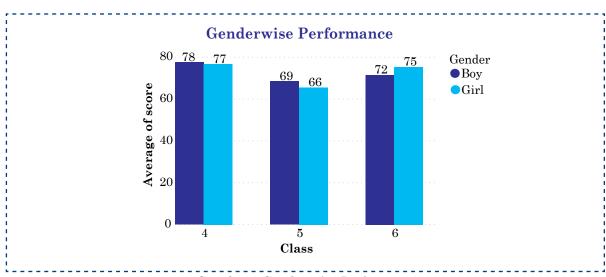
Graph 10 shows the average score for all classes is above 60 %. This graph and the following graphs below also show that most of the students who sat for the assessment were above average. This raises the question "Why the weaker students did not sit for the assessment?"

This is an issue that has to be studied in the future, especially for the weaker students who will be starting their school next year. Did they learn much using online methods?



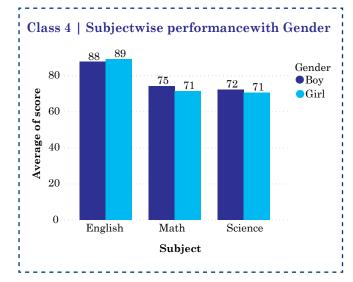
Graph 11: Class -Subject wise Performance

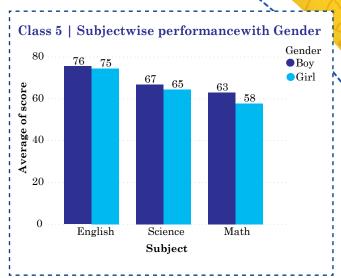
Graph 11 shows the performance of students based on class and subjects. Based on the graph, generally students scored well in English compared to Maths and Science. Class 5 students' score was low for all the 3 subjects compared to class 4 and class 6.

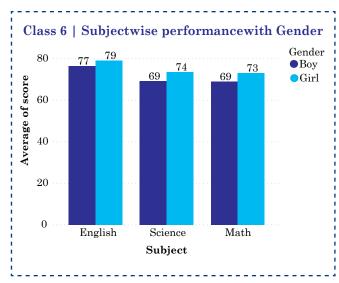


Graph 12: Gender wise Performance

Graph 12 shows the performance of students by gender. Based on the graph, generally the boys and girls in Class 4, 5 and 6 scored almost the same with 1-3 score differences.

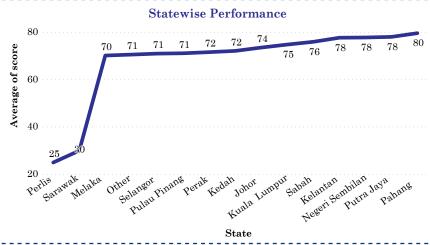






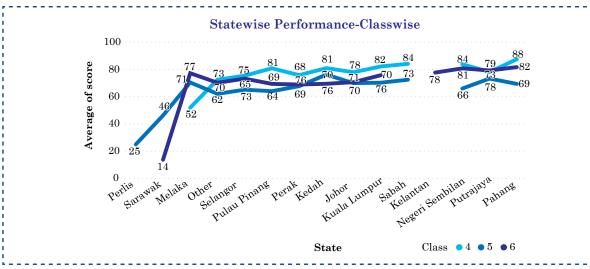
Graph 13: Class 4, 5 and 6 Subject-Gender wise Performance

Graph 13 shows the performance of class 4, 5, and 6 students by gender and subjects. Based on the graphs we can conclude that Class 4, 5, and 6 students performed well in English subjects with average score above 75 regardless of gender. The students also scored above 65 for Science subject and above 58 for Maths subject.



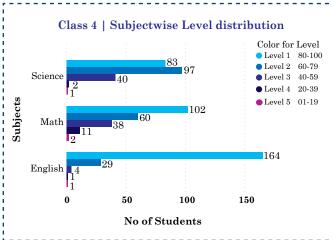
Graph 14: State wise Performance

Graph 14 shows state wise performance and Perlis and Sarawak indicated average score of 25 and 36 respectively. This might be related to lower number of participation from both these states. Perlis has 3 students and Sarawak has 11 students who participated in the Online Assessment.



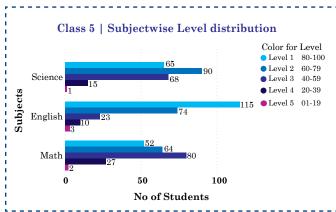
Graph 15: State-Class wise Performance

Graph 15 shows students' performance according to states and classes. The breaks in between indicate that there is no participation from Sabah for class 6 assessment, no participation from Kelantan for class 4 and class 5 assessments. Overall the state wise and class wise performance show average scores of 60% and above except for Perlis and Sarawak due to the same reason mentioned above.



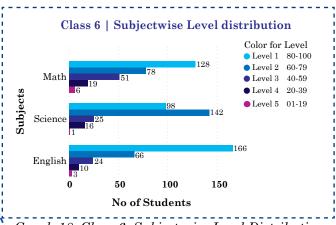
Graph 16: Class 4- Subject wise Level Distribution

Graph 16 shows details scoring of class 4 students according to subject and level. The level 1 indicates the score from 80 – 100, level 2 indicates the score from 60-79, level 3 indicates the score from 40-59, level 4 indicates the score from 20-39 and level 5 indicates the score from 01-19. For Science subject, 180 students scored above 60 marks and only 2 students scored below 40 marks. For Maths subject, 102 students scored above 80 marks and only 2 students scored below 19 marks. Besides that for English subject, a total of 165 students scored above 80 marks.



Graph 17: Class 5- Subject wise Level Distribution

Graph 17 shows details scoring of class 5 students according to subject and level. For Science subject, highest number of students (90) scored 60-79 marks and 65 students scored above 80 marks. Besides that for English subject, a total of 189 students scored above 60 marks and only 3 students scored below 19 marks. For Maths subject, the majority, around 80 students scored 40-59 marks and even the number of students who scored 20-39 marks are higher compared to two other subjects.



Graph 18: Class 6- Subject wise Level Distribution

Graph 18 shows details scoring of class 6 students according to subject and level. For Maths subject, a total of 206 students scored above 60 marks which indicates majority of the students performed well in the Maths paper. But there were still 6 students who scored below 19 marks. For Science subject, majority of the students scored 60-79 marks and only one student scored below 19 marks. Additionally for English subject, 232 students scored well, between 60-100 marks range.



5.6.4 Journal / Article Publishing

For the future, ASTI in collaboration with Institut Pendidikan Guru Malaysia (IPGM) is planning on publishing an article on the Effectiveness of Online Learning in Malaysia based on the data we have received from EASI-CP Online Assessments.

5.7 Acknowledgement & Appreciation

We would like to thank Ministry of Education (MOE) Malaysia for the approval and endorsement given for the programme, all State Education Departments for disseminating the information about the programme, Institut Pendidikan Guru Malaysia (IPGM) for assisting in developing the questionnaire, Yayasan Hasanah for providing financial support for the programme, Teachers who also helped in developing and vetting the questionnaire and volunteers who helped in the trial run for the online assessment.

6.0 EVALUATION AND SURVEY

6.1 SWOT Analysis by Organizer

Strength

- Access to a lot of people (Networking)
- Create bigger awareness
- System performs very smoothly during the assessment day
- Technical team very supportive
- Good and understanding funders
- 1080 questions were developed in 4 languages
- System modification to be used in multiple devises such as tablets, laptops and mobile phone.

Weaknesses

- Lack of awareness from rural areas
- Internet connection issues for the participants
- PPRT flats-lack of facilities and do not have access to devices
- The assessment was only conducted once.

Opportunity

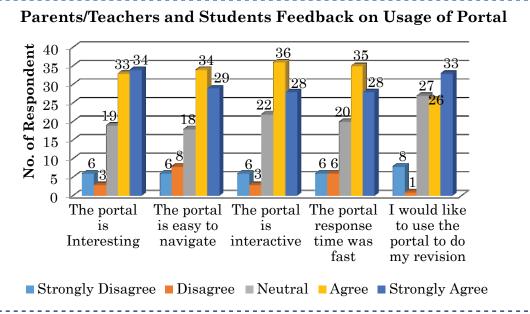
- Great platform for the students to understand their strength and weaknesses
- Opportunity to build quality online materials for next year
- Build brand name for online assessment
- Wider range to explore

Threat

- Some online providers give bad impression of e-learning platforms
- Inquiries response time varies

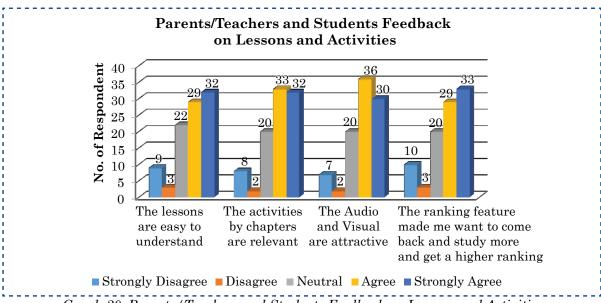
5.2 Survey Analysis -Parents/ Teachers and Students

ASTI has send out a google link survey form to the parents, teachers and students to get feedback on the usage of the portal and online assessment. A total of 95 people responded to the survey. Below are the results of the survey.



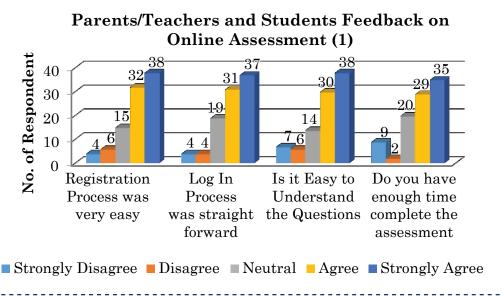
Graph 19: Parents/Teachers and Students Feedback on Usage of Portal

Graph 19 shows the feedback of Parents/Teachers and students on the usage of portal. Majority of the respondents agreed and strongly agreed that the portal is interesting and interactive, the portal was easy to navigate and the portal response time was fast. More than 60% of the respondents said that they will use the portal to do revisions.

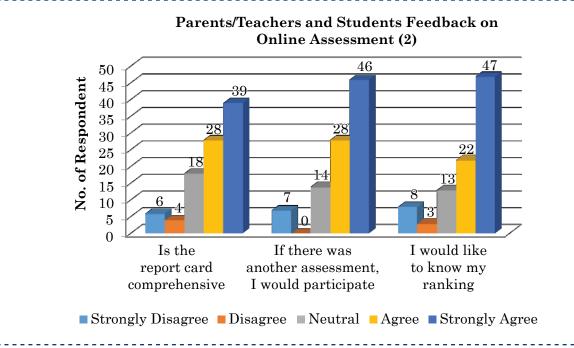


Graph 20: Parents/Teachers and Students Feedback on Lessons and Activities

Graph 20 shows the feedback of Parents/Teachers and students on the Lessons and Activities provided in the portal. More than 60% of the respondents agreed and strongly agreed that the lessons provided were easy to understand and the activities by chapters were relevant. They also agreed that the audio and visual of the lessons and activities were very attractive which makes them engage more in the online learning. Majority of the respondents also agreed that the ranking features has made them to come back to study more to get a higher ranking which proof that the students like to get an improved ranking each time they tried the exercises and activities.



Graph 21: Parents/Teachers and Students Feedback on Online Assessment (1)



Graph 22: Parents/Teachers and Students Feedback on Online Assessment (2)

Graph 21 and 22 show the feedback of Parents/Teachers and students on the Online Assessment. Based on Graph 21, more than 70% of the respondents agreed and strongly agreed that the registration process for the online assessment was easy and the log in process was straight forward. This is also because we had given them the poster supplement which guides them on the registration and sitting for the assessment. Besides that around 68 respondents agreed and strongly agreed that the online assessment questions were easy to understand. Moreover, 64 respondents said that they have enough time to complete the assessment. Only 11 respondents said they have not enough time to complete the assessment. Based on Graph 22, 70% of the respondents have agreed that the report card was very comprehensive and the majority of them wanted to participate if there is another assessment. This indicates that the parents, teachers and students are looking for more of this kind of online assessment. Around 72% of the respondents want to know their ranking for the online assessment.

We also have asked the Parents/ Teachers and Students few "open ended" questions and their response as per the table below:

What is your Expectation on the Portal?

- Need more HOTS Questions
- Need more activity
- Need games based exercises
- Make the portal easy to access by student
- Start for other standards
- Need more listening activities
- Very satisfied with the portal with the students eagerly doing courses and assessments.
- Need more questions, guidance and past year questions
- Would be pleasant if notes available in Tamil language for SJKT students

What is your suggestion for future improvement on the Portal?

- Looking for more online exams
- Need more HOTS Questions
- To add in material according to school requirement and updated syllabus. Add in all other subject as well so it can be a one stop reference portal for student.
- The portal may include all the subjects that the students are learning in the classroom plus live video or recorded video of teachings.
- Update the task and explorer in the portal to school activity maybe can link to schools Google classroom
- Do online lessons with experienced teachers for students.
- More Activity Worksheet Assignments
- There should be ongoing lessons apart from syllabus based lessons.
- Give some gift for student's hard work
- Provide daily lessons in Tamil for Science and Maths
- The question sections are objective, can include subjective questions also
- Provide notes, exercises and exam in Tamil language for subjects Mathematics & Science

What is your Expectation on the Online Assessment?

- More online assessment with certification and marks
- Open assessment for certain time of period like 1 week or so. Restricted time slot disable kids from doing the assessment as there may be other online class at that stipulated time. Restriction can be done like once assessment is started, it need to be submitted within given time frame and after time lapsed, assessment is locked.
- This Assessment can motivate the children by giving prizes for each subject and make more assessments as they can.
- Create excitement mode among pupils to engaged with the online learning platform
- It gave students the thrill of answering questions after a long break from school exam this year.
- Good to have frequent Online Assessments. Parents can start paying to enrol assessments.
- The assessment login can be 3 to 4 days, it be easier for working parents
- If possible do the online assessment on a monthly basis.
- It will be better if could download via pdf format

What is your suggestion for future improvement for EASI CP Online Assessment?

- Looking for more International syllabus. Ex: Mind challenging Maths, and Science
- Give flexibility in assessment time
- Ability to use result to apply for secondary school
- Do the assessment for secondary school students
- More Activity Worksheet Assignments
- Current programme very useful for student. Maybe can enforce all the school in Malaysia to participate it
- Do like Vschool Trend Learning Program
- Increase the time for online assessment (exam).
- Conduct an educational activity such as scrabble competition for the participants to think wider
- Good planning and execution of overall system
- Provide download services for notes and assessment
- Will be better if online assessment conducted twice a year

What is your future plans to help your child with his/her studies after COVID-19 Lockdown?

- More online studies
- Needs more interesting exercises and quiz for students
- Going back to physical class, as interaction with friends and teacher very essential skills. Always open for online class as alternative.
- Will be better to be present to school physically as the 100% online learning can give a lot of mental and physical impact to the learners.
- To continue participate in this programme even after Covid 19 lockdown.
- Use the portal and lesson to ensure students in correct track.
- Continue their online studies and also send them to face to face tuitions.
- To expose them to more outdoor activities, learn from observing nature and surrounding
- Back to school and face to face with teachers in the school to get clear understanding of each subject
- Good. Teacher should inform the whole class to use it and teacher should have the marks of each student to know their understanding on that particular subject and discuss the hard questions in the class.
- All children need more digital devices which is more exclusive for them to use for their online classes
- Do revision themselves and do homework that teacher gives
- Enable more home based learning including multitasking
- Get a mentor or tutor to sit and go through the lessons they have missed.
- Get more lessons and activities from google

7.0 INCOME AND EXPENSES

| INCOME | AMOUNT (RM) |
|---|--------------|
| Yayasan Hasanah / Prihatin | 130,000.00 |
| LESS: EXPENSES | |
| Compiling email addresses of SK, SJKC, SJKT schools Compiling email addresses of all departments in Ministry of Education Compiling email addresses of all Jabatan Pendidikan Negeri | 1,000.00 |
| Design Promotional Poster and Use Manual Development | 1,000.00 |
| Facilitating Students on Registration and other inquiries | 1,000.00 |
| EDUKATE Portal Modification | 15,000.00 |
| Monitoring and Troubleshooting EDUKATE Online Portal | 2,000.00 |
| Engage with IPGM to invite as partner for questions development Engage in other stakeholders on questions development Question Development and Translation in English, Malay, Tamil and Chinese Finalising the Assessment Questions | 10,000.00 |
| Extension of Free Usage for the EDUKATE Portal until December 2020 for 2500 students | 40,000.00 |
| Development of EDUKATE Online Portal for the Assessment Trial run on the question before publishing | 30,000.00 |
| Promotional Poster on EASI-CP Assessment Dates Send emails to all the stakeholders Send WhatsApp messages to all stakeholder Posting in ASTI Website, Facebook and Instagram Pages | 1,000.00 |
| Assessment for Standard 4, 5 and 6 | 15,000.00 |
| Send the assessment results to the parents | 1,700.00 |
| Monitoring and Troubleshooting EDUKATE Online Portal | 2,000.00 |
| Project Manager Salary and Benefits (3 Months) RM 4500 X 3 Months | 13,500.00 |
| Project Officer Salary and Benefits (8 Months) RM 3600 X 8 Months | 28,800.00 |
| Administration and Secretariat Cost (8 Months) RM 1000 X 8 Months | 8,000.00 |
| TOTAL EXPENSES | 170,000.00 |
| Excess of (Expenses) / Income | (40,000.00)* |

^{*}The excess of expenditure was paid by Association of Science, Technology and Innovation (ASTI)



8.0 CONCLUSION

EASI-CP has been integral for students continuing to learn during the COVID-19 lockdown. However it has also raised some questions such as "Are some students unable to learn during the COVID-19 lockdown?" This is an important question that should be answered if no students are to be left behind.





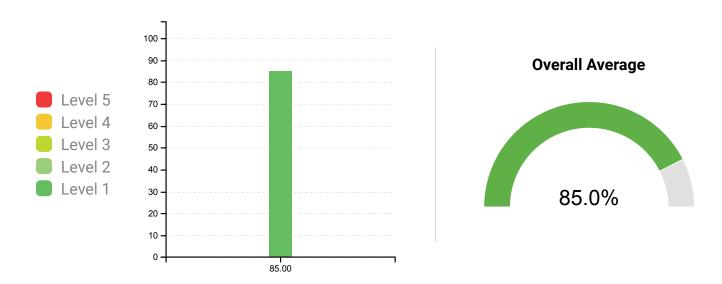
Milaya

Class : 4th Class

School : SJKT TAMAN RIO

State :-City :-

Academic Year : 2020 - 2021

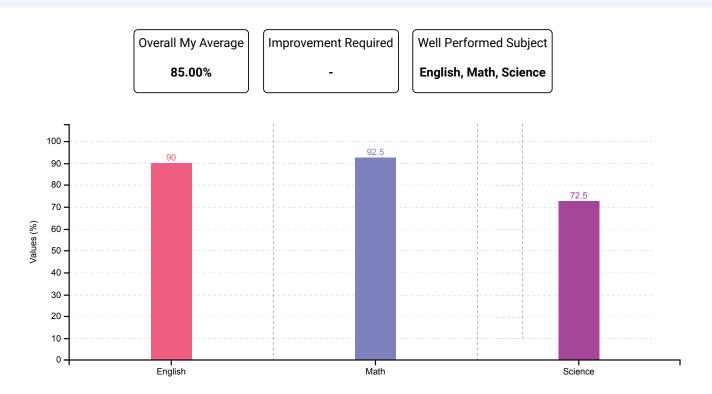


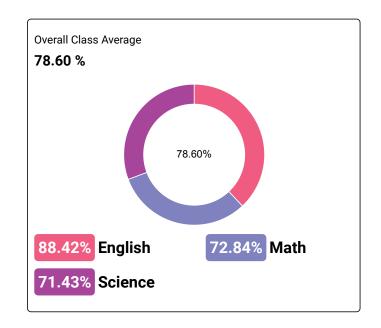
Your Child's Score: 102.00

Your Child's Performance: Level 1

Excellent !! You demonstrate mastery of the subject with ease. You excel in this area. Well done! Keep it up!

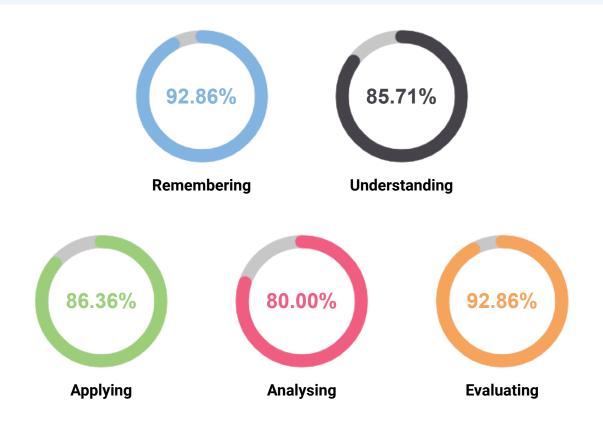
Overall Score Card





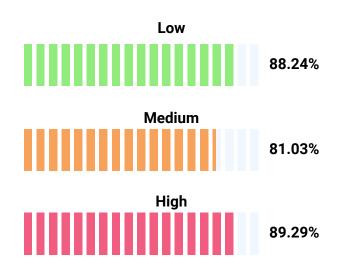
| Subject Name English | Score 90.00% | Overall Average 88.42 | No. of Questions 40 | Correctly Answered 36 | Wrongly Answered | Not Attempted 0 |
|--------------------------------|------------------------|------------------------------|----------------------------|------------------------------|------------------|------------------------|
| Subject Name Math | Score 92.50% | Overall Average 72.84 | No. of Questions 40 | Correctly Answered 37 | Wrongly Answered | Not Attempted 0 |
| Subject Name Science | Score 72.50% | Overall Average 71.43 | No. of Questions | Correctly Answered 29 | Wrongly Answered | Not Attempted 0 |

Classification Score



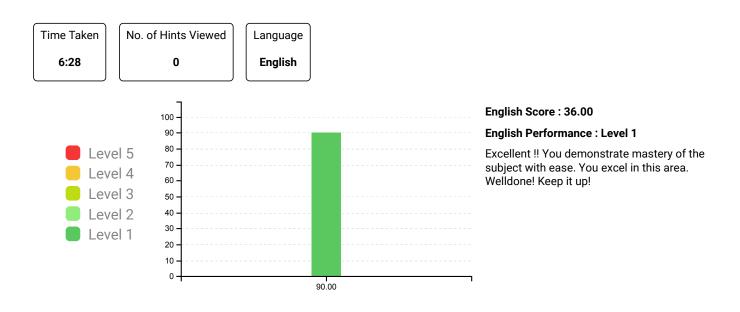
| Classification Name Synthesis | Score 50.00% | Overall Average 49.07 | No. of Questions | Correctly Answered | Wrongly Answered | Not Attempted 0 |
|---------------------------------------|-------------------------|------------------------------|----------------------------|------------------------------|------------------|---------------------------|
| Classification Name Remembering | Score 92.86% | Overall Average 81.75 | No. of Questions | Correctly Answered | Wrongly Answered | Not Attempted 0 |
| Classification Name Understanding | Score 85.71% | Overall Average 80.37 | No. of Questions 28 | Correctly Answered 24 | Wrongly Answered | Not Attempted 0 |
| Classification Name Applying | Score 86.36% | Overall Average 85.20 | No. of Questions 22 | Correctly Answered 19 | Wrongly Answered | Not Attempted 0 |
| Classification Name Analysing | Score 80.00 % | Overall Average 71.81 | No. of Questions 40 | Correctly Answered 32 | Wrongly Answered | Not Attempted |
| Classification Name Evaluating | Score 92.86% | Overall Average 73.96 | No. of Questions | Correctly Answered | Wrongly Answered | Not Attempted |

Difficulty Score



| Difficulty Level Low | Score 88.24% | Overall Average 81.56 | No. of Questions 34 | Correctly Answered 30 | Wrongly Answered 4 | Not Attempted 0 |
|------------------------------|------------------------|------------------------------|----------------------------|------------------------------|---------------------------|------------------------|
| Difficulty Level Medium | Score 81.03% | Overall Average 77.04 | No. of Questions 58 | Correctly Answered 47 | Wrongly Answered 11 | Not Attempted 0 |
| Difficulty Level High | Score 89.29% | Overall Average 72.58 | No. of Questions 28 | Correctly Answered 25 | Wrongly Answered | Not Attempted 0 |

English



Topic Level Score

Improvement Required Topic
Simile

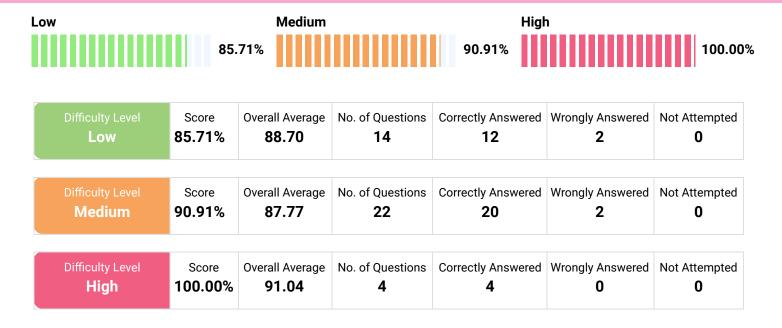
Well Performed Topic
14

| Simile | 0.00% | Pronouns | 100.00% |
|----------------------|---------|----------------------|---------|
| Simple present tense | 66.67% | Quantifiers | 100.00% |
| Possessive Adjective | 100.00% | Nouns | 100.00% |
| Adjective | 100.00% | Non-linear text | |
| Linear text | | Adverbs of frequency | 100.00% |
| Modal verb | 60.00% | Simple future tense | 100.00% |
| Preposition | 100.00% | Simple past tense | 100.00% |
| Possessive pronouns | 100.00% | | 100.00% |
| | 100.00% | | |

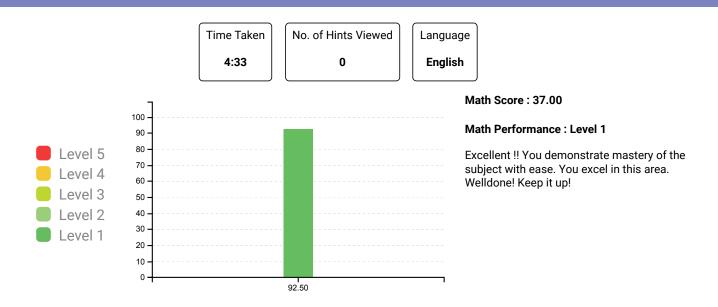
English Classification Score



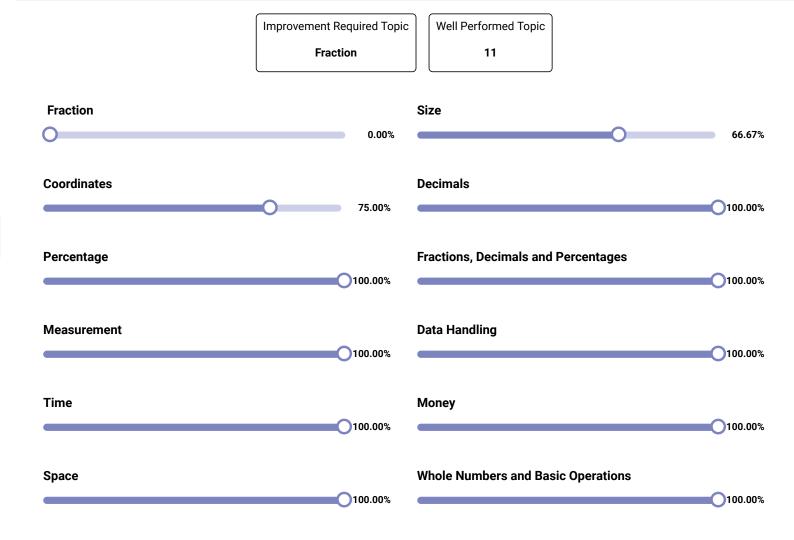
English Difficulty Score



Math



Topic Level Score

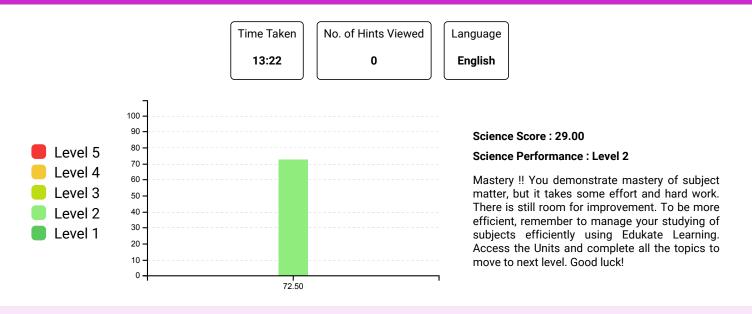


Math Classification Score

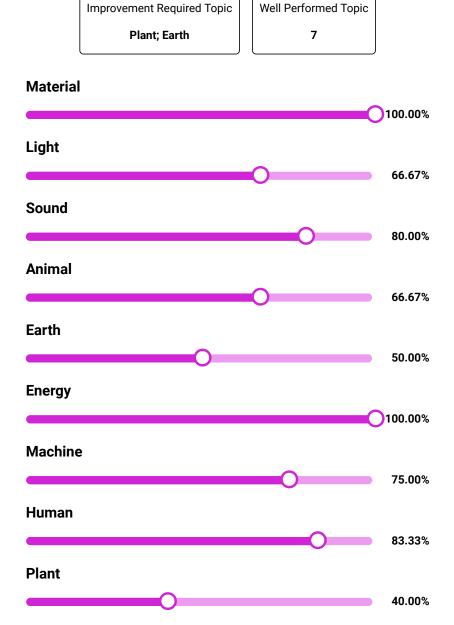


| Difficulty Level Low | Score 92.86% | Overall Average 74.00 | No. of Questions | Correctly Answered 13 | Wrongly Answered 1 | Not Attempt |
|-----------------------------|---------------------|------------------------------|------------------|-----------------------|---------------------|-------------|
| Difficulty Level | Score | Overall Average | No. of Questions | Correctly Answered | Wrongly Answered | Not Attempt |
| Medium | 94.44% | 73.70 | 18 | 17 | 1 | 0 |

Science



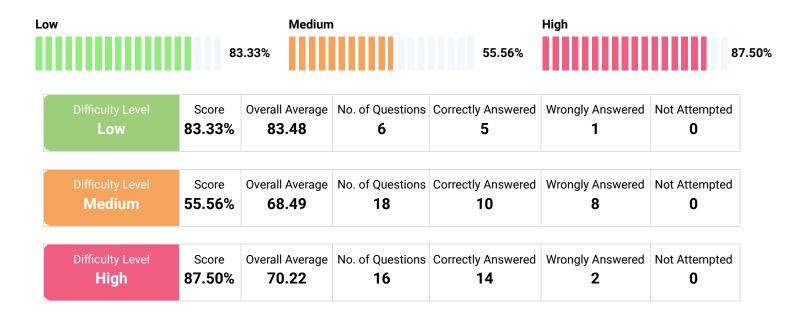
Topic Level Score



Science Classification Scor



Science Difficulty Score





46300 Petaling Jaya, Selangor Darul Ehsan

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