QUEENSTOWN SECONDARY SCHOOL

Personal Learning Device (PLD) Initiative Parents Briefing

29 May 2021 (Sat)

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Personal Learning Device (PLD) Initiative

Please post your questions here.

https://tinyurl.com/askqtss2021

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Scope of Briefing

PLD Initiative

- Recap of National Digital Literacy Programme (NDLP)
- Teaching & Learning via MS Teams
- Digital Literacy & Cyber wellness Programme
- Home-School Partnership (DMA & Parents' Toolkit)
- Orientation Day & Device Rollout
- Insurance, Warranty and Technical Support

Please post your questions here.

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Intended Outcomes of a Personalised Learning Environment

The use of the personal learning device (PLD) for teaching and learning aims to:

Support the Development of Digital Literacies

Support Self-Directed and Collaborative Learning

Enhance Teaching and Learning

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VISION OF NDLP @ QTSS

To provide **personalised learning** for future-ready Queenstownians who are competent in leveraging digital technology for **self-directed** and **collaborative** learning, with the heart and will to lead and serve.

Learning with a PLD @ QTSS

Getting our Queenstownians future-ready

- A **Passionate Learner** - arouse students' curiosity and passion to learn; self-directed learning in a broadened curriculum
- A **Reflective Thinker** - self-assessment in learning (both academic and character domains); engagement with real-world issues
- An **Adaptable Collaborator** - develop students to be an effective communicator, collaborator and connected learner.
- An **Innovative Creator** - ignite students' creativity & stimulate innovation through pursuit of students' interests (e.g. coding, designing) and gain greater literacy in creating digital products
- A **Confident Advocator** - advocates and practices safe and responsible use of technology to rally others to serve the community.

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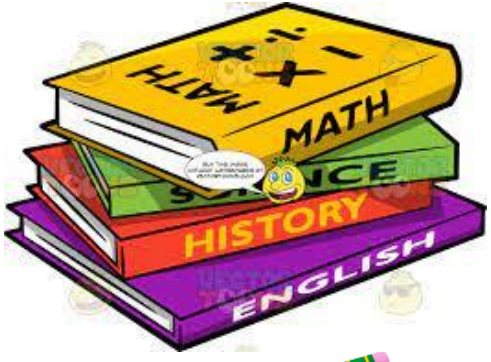
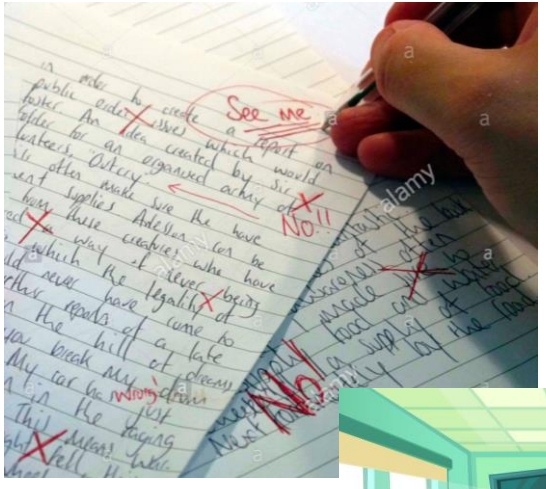
Teaching and Learning via MS TEAMS

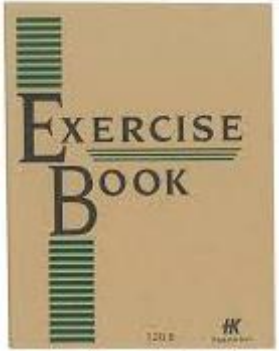
MS TEAMS

https://www.youtube.com/watch?v=i0TlQXmFGdQ&t=15s

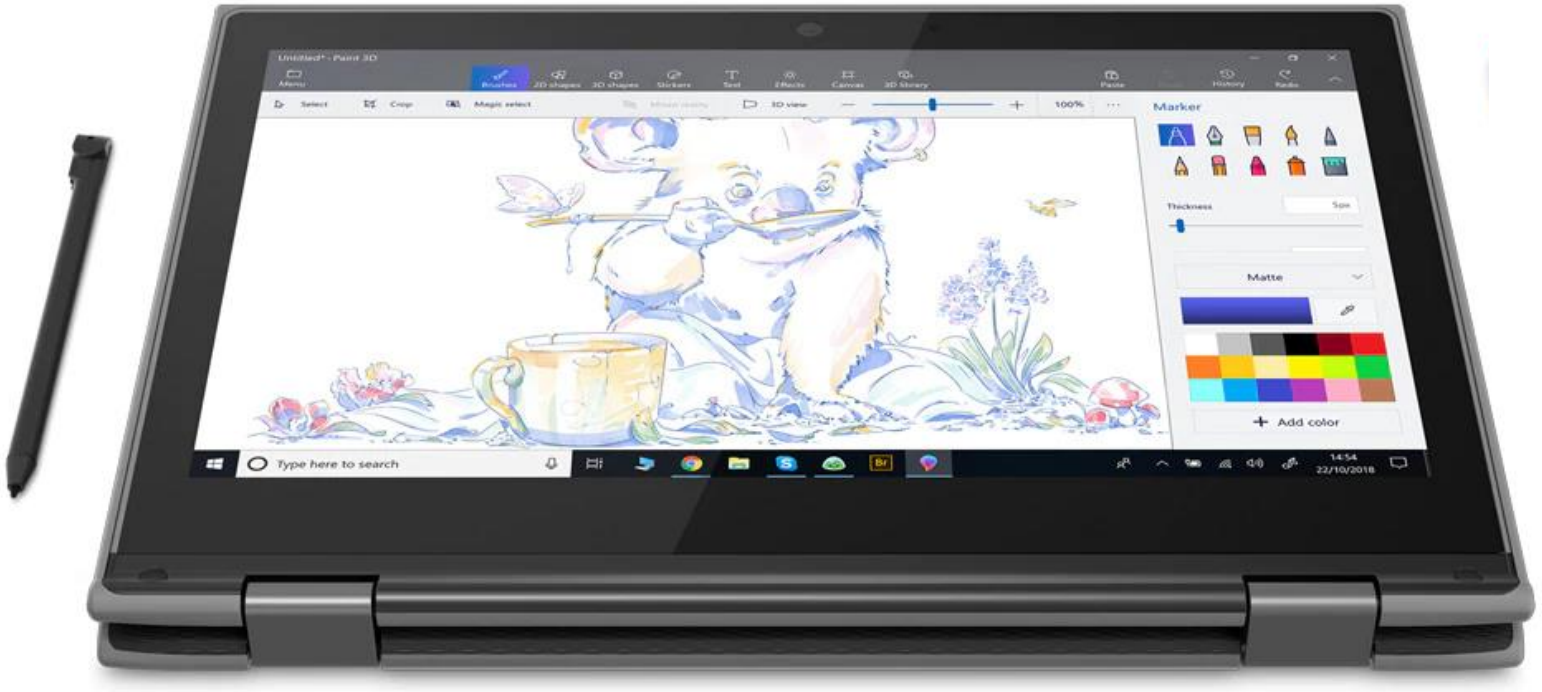
How Teaching and Learning will be Transformed?







How Teaching and Learning will be Transformed?



Device for Your Child's Learning

Lenovo 300e (2nd Generation with 3 years warranty)

Intel Celeron N4120 (1.10 GHz, 4 MB)
| 11.6" | Windows 10 Edu | 4GB RAM | 64GB EMMC |
Intel UHD 600 | BT 5.0 or above, 720p Camera

3 Year Carry In Warranty + Sealed Battery Warranty
Comprehensive Accidental Damage Protection (Insurance)

*Stylus Pen

TEACHING AND LEARNING (CCE and MATH – Sec 3)

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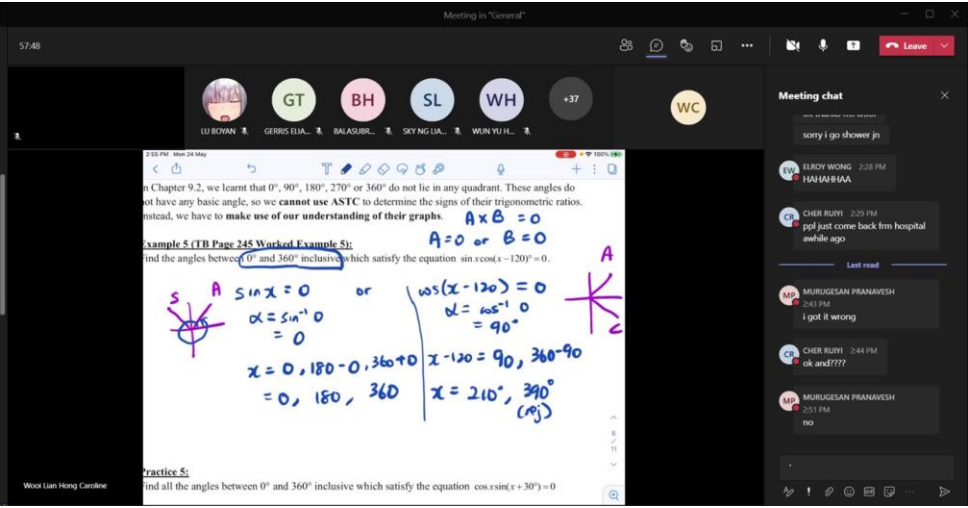
QTSS Example:

“LIVE” lessons with Teacher, Ms Caroline, using MS Meet



TEACHING AND LEARNING (Math – Sec 2)

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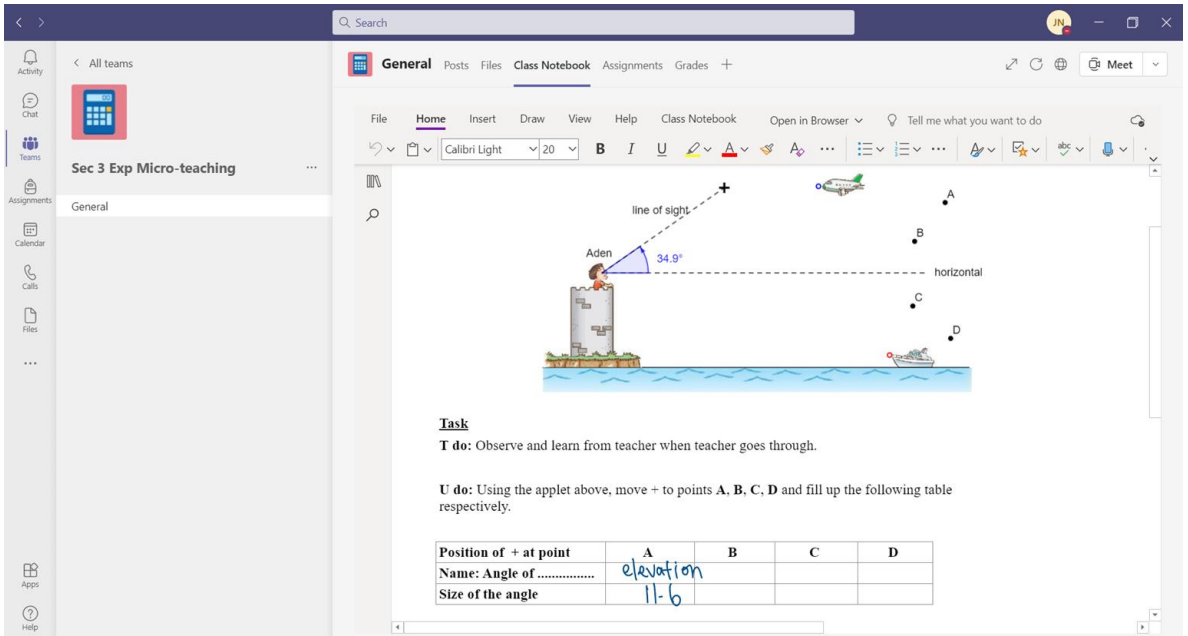
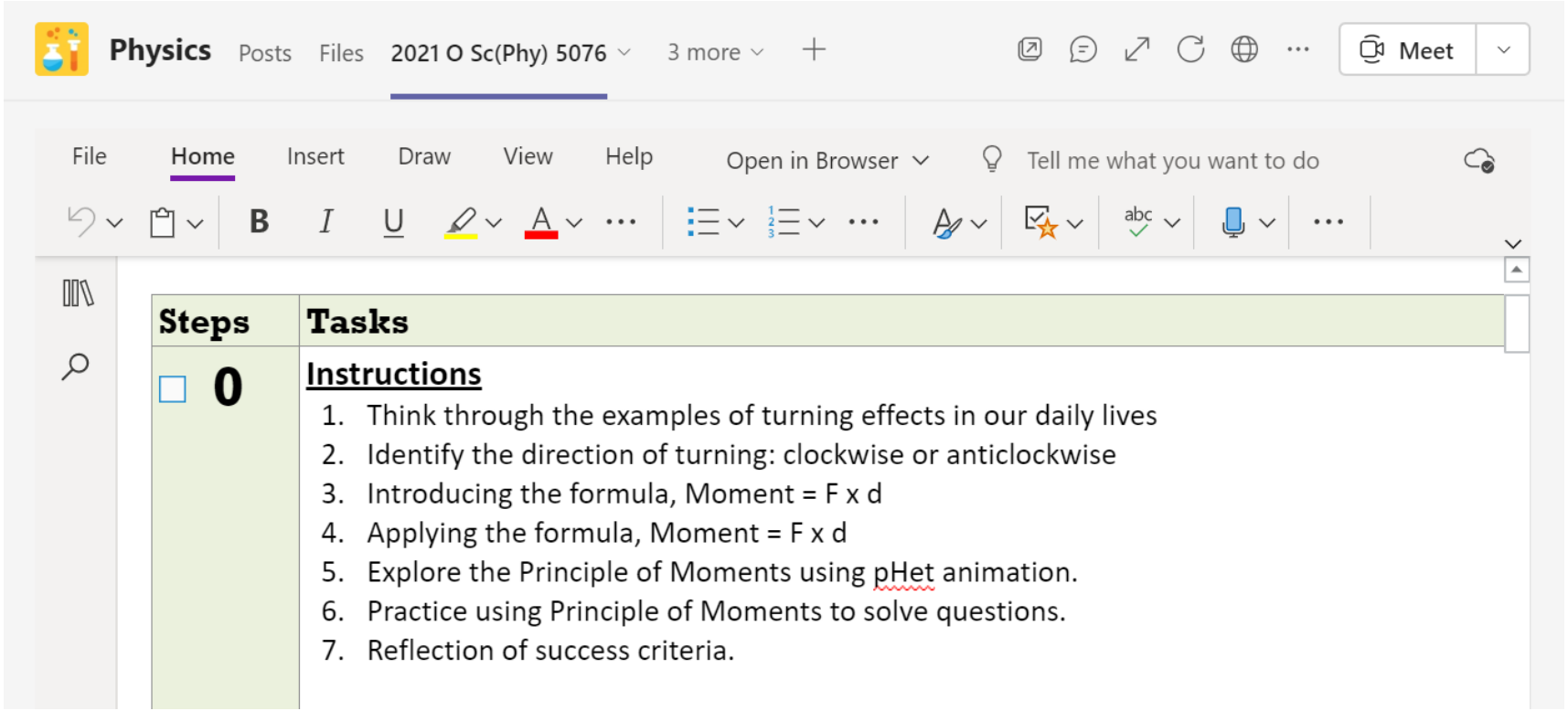
Exploring concepts with interactive applets and use of on-screen inking



Sample Lesson – Sec 3Exp Science (Physics)

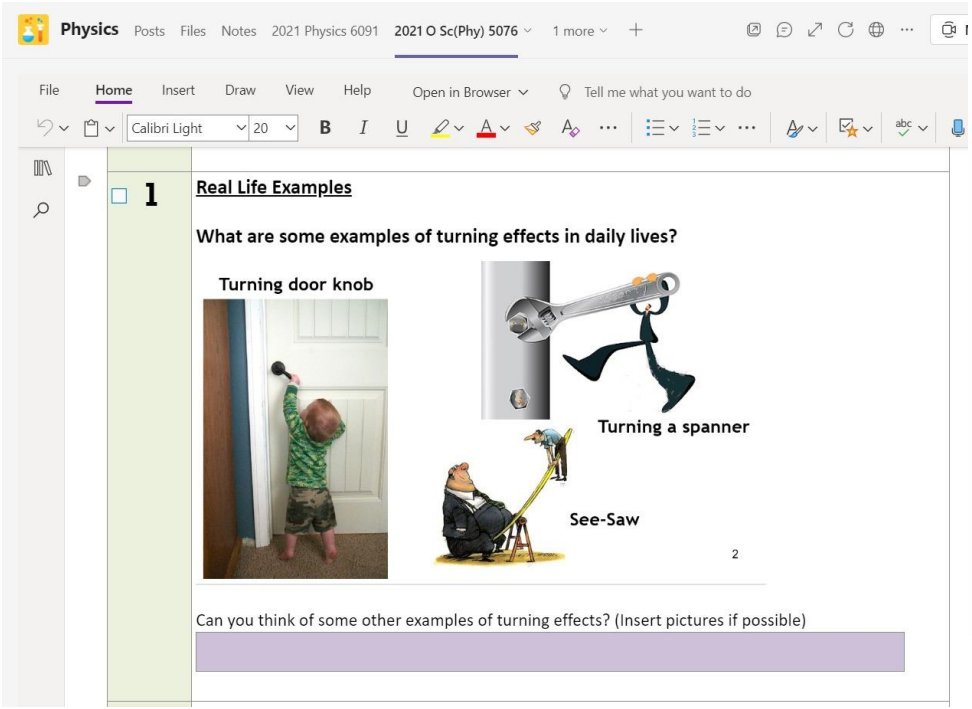
Determining lesson objectives

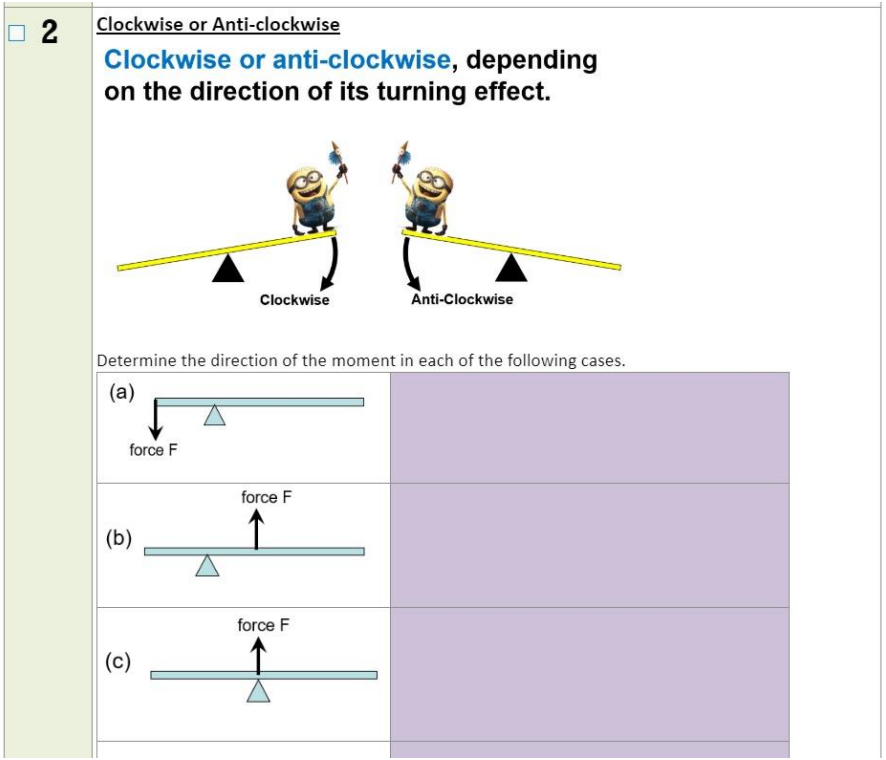


Steps	Tasks
☐ 0	**Instructions** 1. Think through the examples of turning effects in our daily lives 2. Identify the direction of turning: clockwise or anticlockwise 3. Introducing the formula, Moment = F x d 4. Applying the formula, Moment = F x d 5. Explore the Principle of Moments using pHet animation. 6. Practice using Principle of Moments to solve questions. 7. Reflection of success criteria.

Sample Lesson – Sec 3Exp Science (Physics)

Activating prior knowledge





Encouraging learner engagement

Sample Lesson – Sec 3Exp Science (Physics)

Using questions to deepen learning

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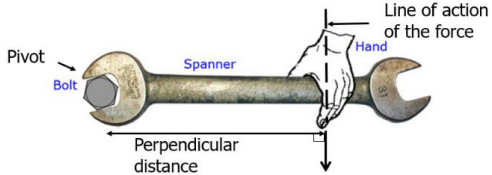
3 **Moments Calculation**

Definition : The moment of a force is defined as the turning effect of the force about a pivot *

Moment of force = F x d



Where **F** is the force (N)
d is the perpendicular distance from the line of action of the force to the pivot (m)

SI unit : **newton metre (Nm)**

3

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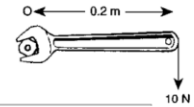
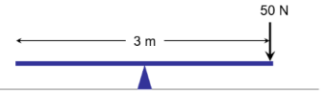
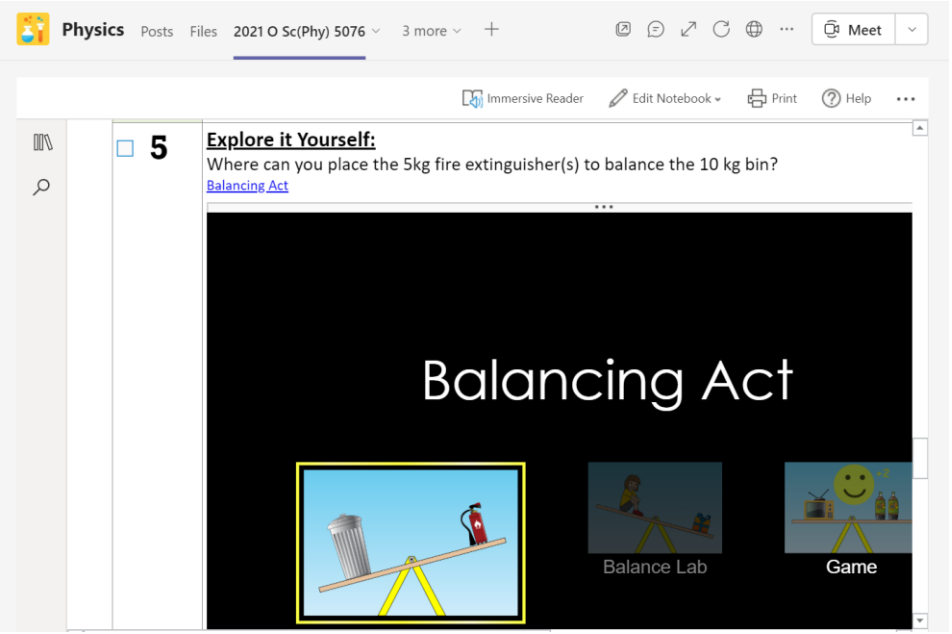
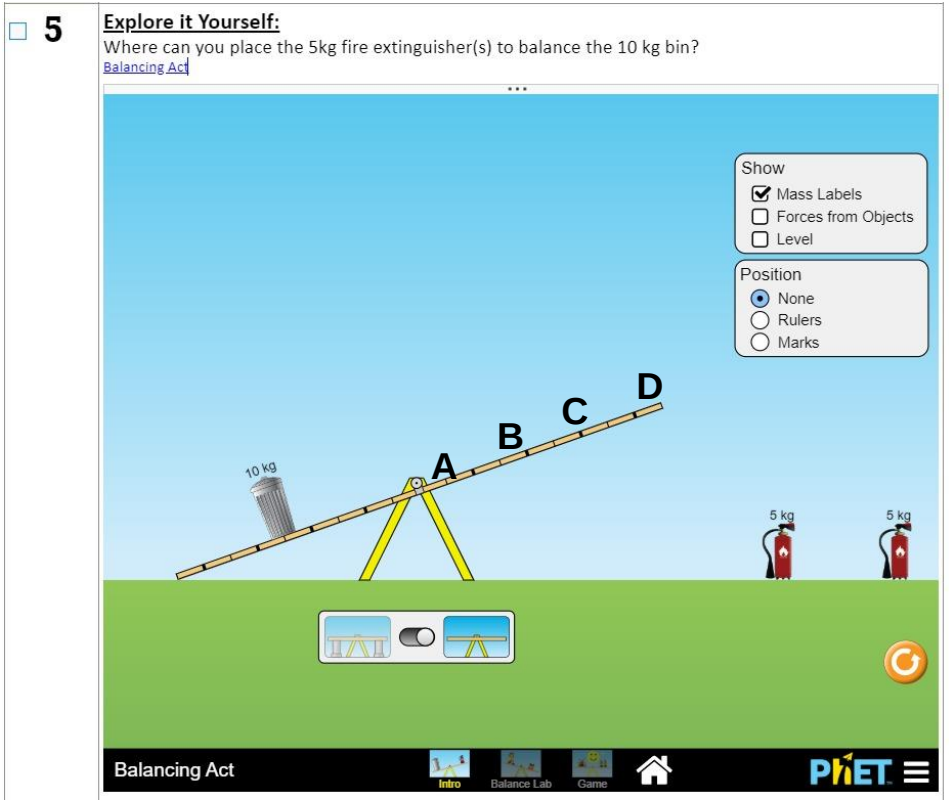
4 **Application of Moments Formula**

	Questions	Solutions
(a)	Calculate the **moment** of the **10N force** about the pivot O. 	
(b)	A boy pushed downwards on one end of a **3 m uniform** rod, which was pivoted at the middle. If he pushed with a **force of 50 N**, determine the **moment** he produced on the rod and state the **direction of this moment**. 	
(c)	Since the rod is balanced at the centre, the perpendicular distance between line of action of force and pivot is 1.5 m.	

Sample Lesson – Sec 3Exp Science (Physics)

Arousing interest through pHet simulation (Through Games)





Sample Lesson – Sec 3Exp Science (Physics

Online Self-Assessment (Quiz, Homework & Reflections)

Success Criteria

Hi Jacqueline, when you submit this form, the owner will be able to see your name and email address.

* Required

1. I can calculate moments using Moment = F x d *

Cannot ☆ ☆ ☆ All the time

2. I can apply Principle of Moments to solve questions. *

Cannot ☆ ☆ ☆ All the time

1LI1 LITERATURE(E)

Sec 1 Literature Poetry Podcast

22 Apr 2021
09:20 AM

24 Apr 2021
12:00 PM

Podcast Submission

Q1

RECOMMENDED 6 min

INSTRUCTIONS
You may record an audio clip of up to 10 minutes or upload a file with your answer.

YOUR TASK: You are a member of the in your school. The Club broadcasts weekly podcasts where kids can listen to and read poetry, and share their thoughts about poems with the world.
You and your partner have a podcast to create for The Club! Your task is to read aloud, and analyse any poem that makes you feel sad and/or happy.
Here are the details:

1. Mode: Pairwork, Submission of audio recording via Student Learning Space (SLS)
1. Podcast Duration: 3-5 minutes
2. Required Content:
   (i) A very short introduction to the Kid's Poetry Club podcast;
   (ii) Reading Aloud of one chosen poem;
   (iii) Analysis of the poem with your partner to answer the question:
   What different feelings and reactions does this poem evoke in you? Explain with reference to the poet's use of words and literary devices.

Read Less

SAMPLE

A: Hi everyone! Welcome to another amazing episode of the Kid's Poetry Club! It's going to be an interesting session today, because we'll be reading a poem about [subject matter/summary of poem].
B: Yes, I can't wait! I think the poem discusses the [subject matter/summary of poem] very well because _____.
A: Shall we move right on to the poem, then?
B: Sure!

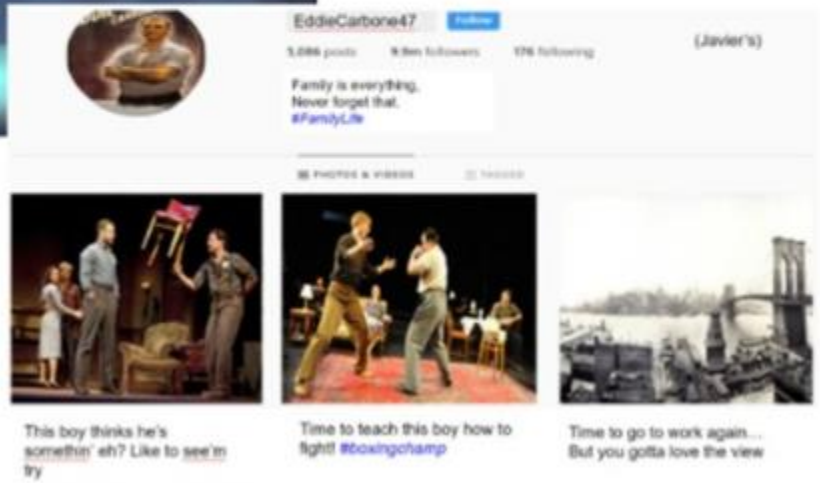
A and B: [Reading Aloud]
A: What do you think of this poem, B?
B: Well, I think [Give personal response]
A: I agree with you on that! I think [Give personal response]
B: Yes. But did you ever stop to consider how the poem [Give personal response]
A: That's really insightful, B! For me, the poet's use of literary devices also [give personal response]

Collaborative Learning

Sec 1 Express (Literature Poetry) Podcast using SLS.

TEACHING AND LEARNING (Mother Tongue)

Sample from Science
learning with resources and people online (e.g. SLS)



Sample from MTL
connecting and communicating digitally (e.g. collaboration on Padlet)

Sample from Literature
Creating text-based digital artefacts (e.g. captured IG accounts, online blog)

Other Areas of Learning & Collaboration

i. Project Work
ii. CCA
iii. Community Youth Leadership (NYAA)
iv. SIL e-portfolio
v. Personal Journal (ECG/Camps/Termly Reflection)
vi. Affirmation Notes

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Digital Literacy Programme

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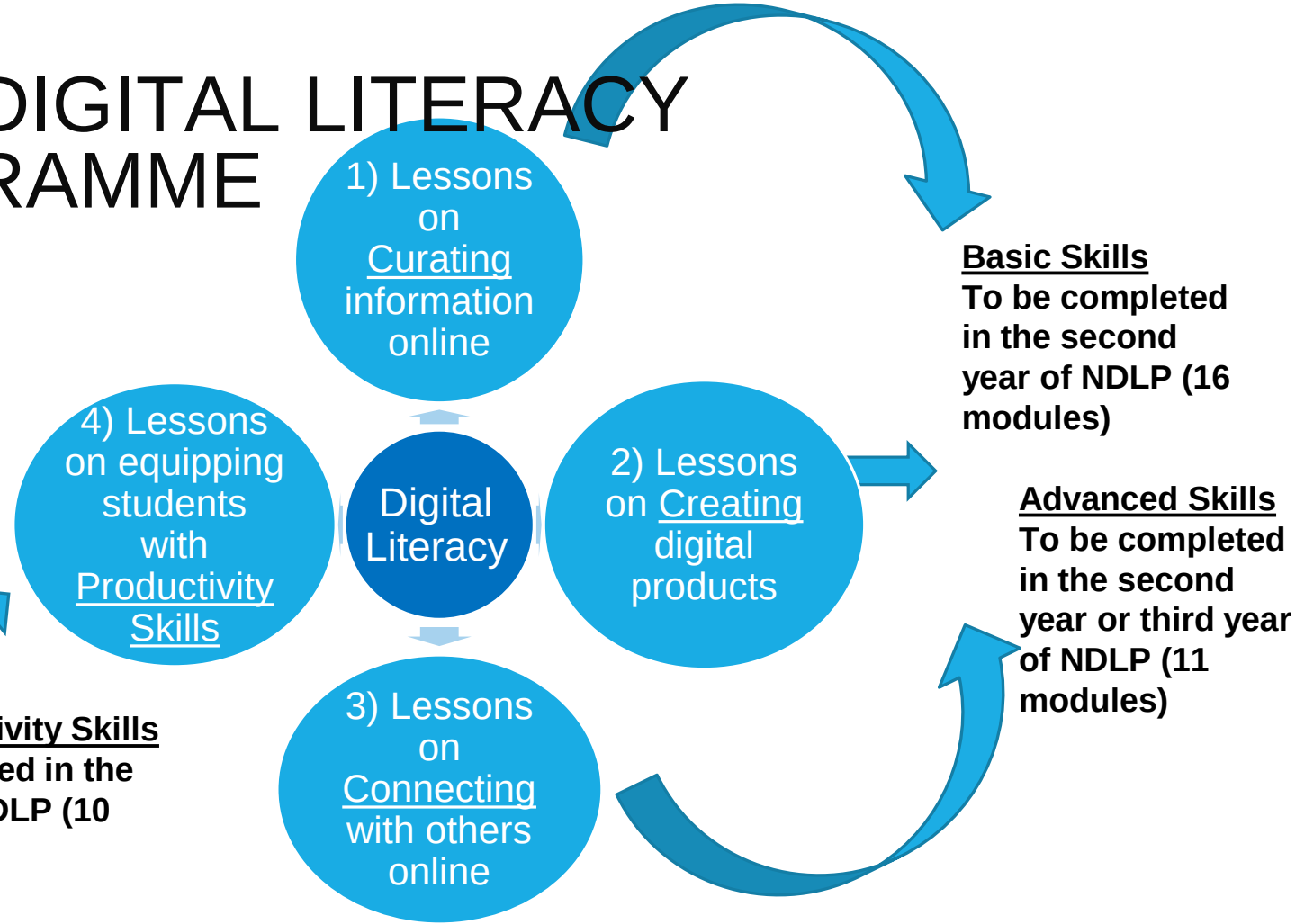
QTSS DIGITAL LITERACY PROGRAMME

To develop in students the dispositions, knowledge and skills to thrive in the digital environment, PDLP Digital Literacy serves to equip students with the following:

1. New Media Literacies (NML) as the competencies
to curate, connect and create information in the digital networked environment

2. Productivity Skills to operate devices and software effectively

QTSS DIGITAL LITERACY PROGRAMME



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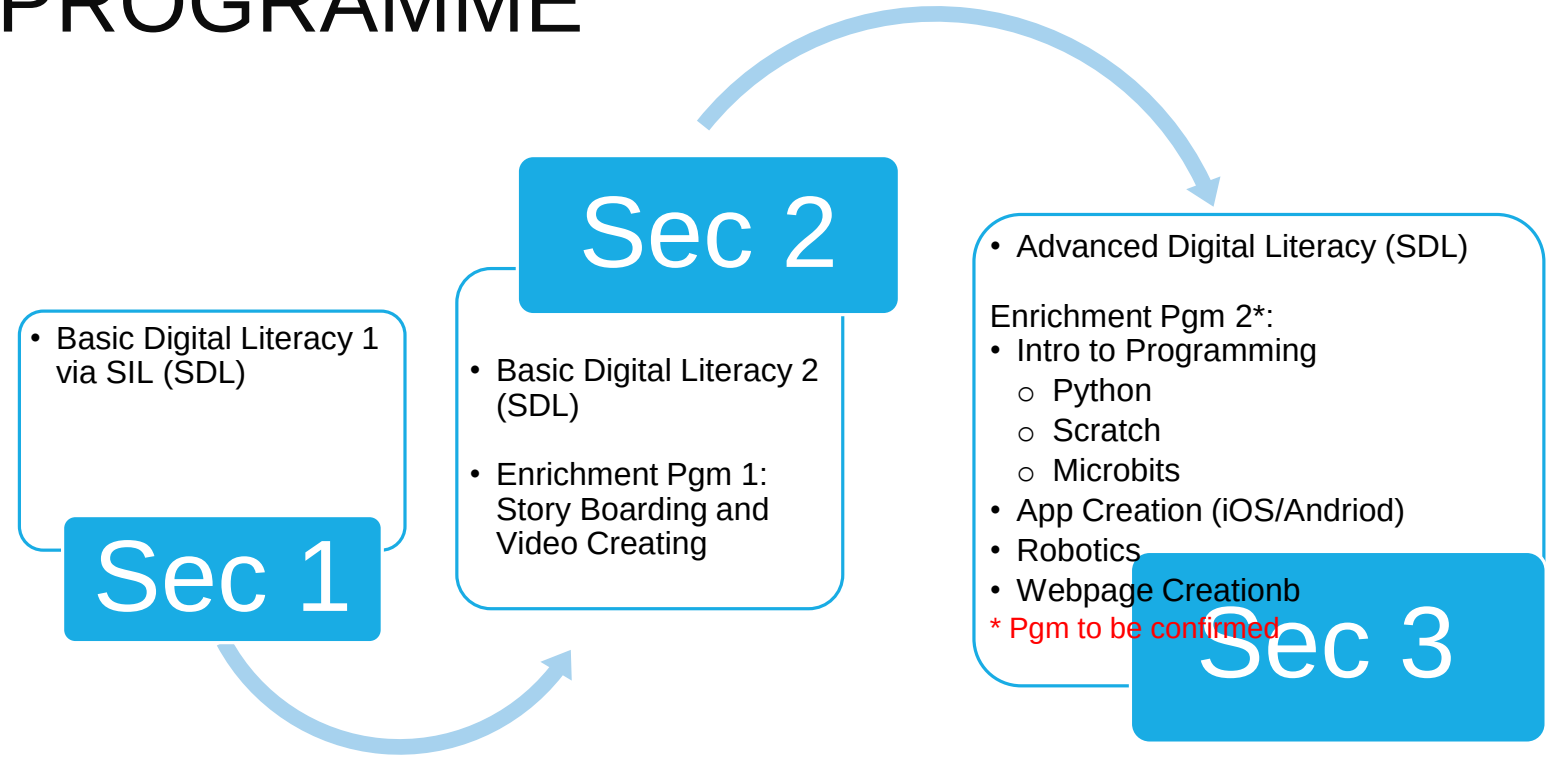
QTSS DIGITAL LITERACY PROGRAMME



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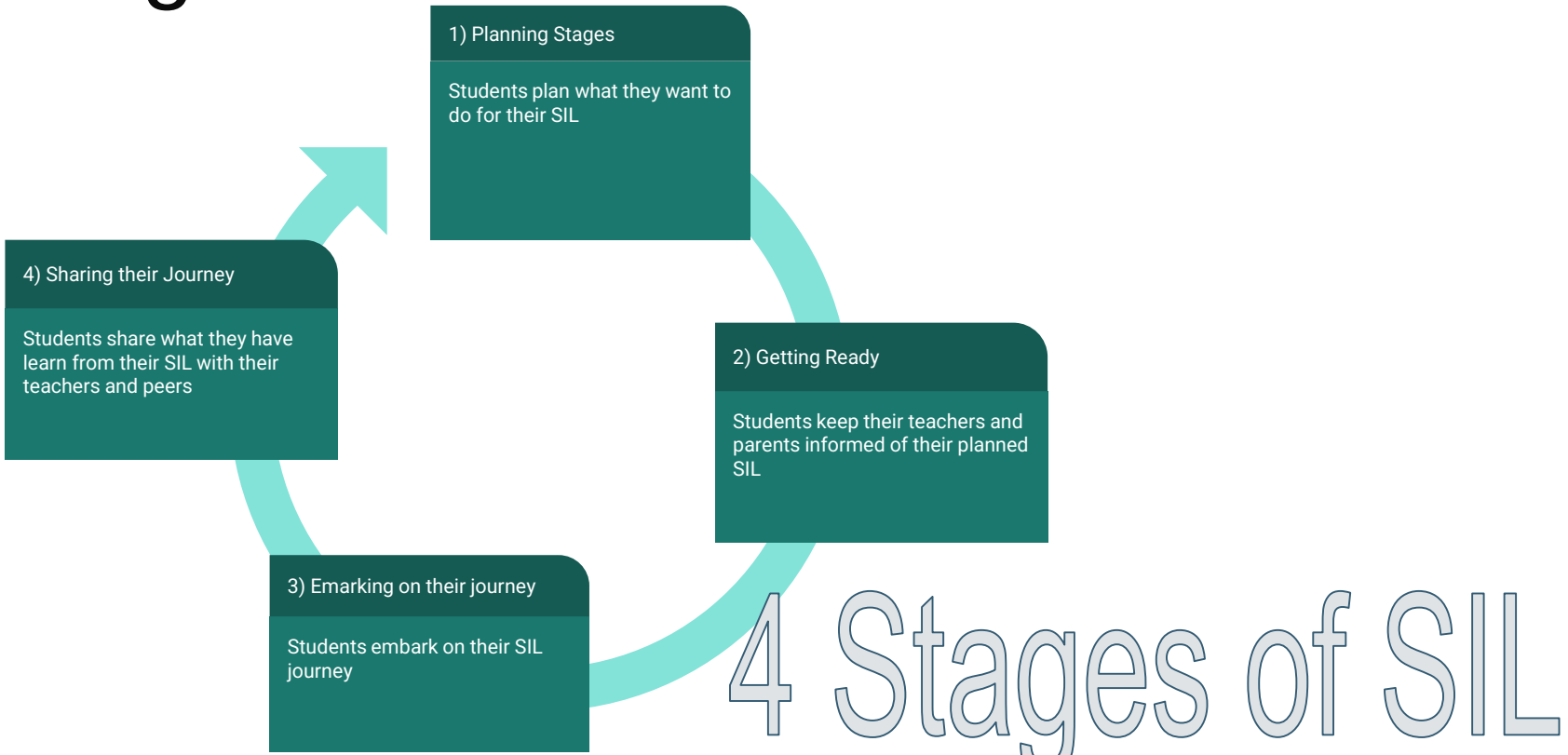
Example of how Blended Learning is supported by PLDs

Student Initiated Learning (SIL) Stages



Digital Literacy to support Student Initiated Learning

Select a Theme

Digital Mind-mapping tools

Plan your schedule

Managing schedule and tasks using digital tools

Brainstorm all the ideas

Note-taking with digital tools

Digital Mind-mapping tools

Annotation on digital files

Write a proposal on the selected project

Learn to use Word Processing Tool

Garner feedback from friends

Online bulletin board

Calculation of all the costing needed

Learn to use Spreadsheets

Presentation

Learn to use Presentation Software

Share your project with your class

Online file sharing

Possible Challenges in New Learning Environment

Cyber Wellness Concerns Identified by International Studies

Harmful online content	50% of Singaporean teenagers are exposed to cyber threats & 28% of them are exposed to violent content. *(COSI, 2020)*
Distraction from learning	72% of teens feel compelled to immediately respond to texts, social posts and notifications. *(Kimball & Cohen, 2019)*
Excessive screen-time	Teens who don't sleep enough report higher levels of depressive symptoms than well-rested peers (31% vs 12%). *(Kimball & Cohen, 2019)*

* Refer to Slide 22 for the references of the research papers cited in this slide.

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Home-School Partnership

Supporting Students in the Safe and Conducive Use of the Devices

The school has measures in place to enable a safe and conducive learning environment for students in the use of PLDs for teaching and learning, e.g.

A. Educating students on Cyber Wellness
B. Classroom management and routines
C. Device Management Application (DMA)

We need to partner you in ensuring that your child is well supported both in and outside of school.

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A: Cyber-wellness Programme

Objectives:

- Be a **Safe, Respectful** and **Responsible** user of technology and maintain a **positive** online presence
- Be Responsible for **personal well-being** in the cyberspace
- Embrace the affordance of technology while maintaining a balanced lifestyle between offline and online activities

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A: Cyber-wellness Programme

Examples of CW engagement

- CW Lessons conducted by teachers
- Assembly Talks
- Morning Reflections
- Just-in-Time Packages based on current affairs
- Peer Support Leaders (e.g. roadshows, students sharing @ class/school level, Youth Week activities)

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B: Classroom Management and Routines

Before		**ACLAP** **A**- Attendance & Punctual **CL**: Ensure CLeanliness of the Learning Environment **A**: Proper Attire **P**: Preparedness (HP in the Locker/Materials Ready)
During		**SPUR** **S**: Stay Focussed (Know Lesson Objectives) **P**: Participate Actively (Be Engaged & Check Learning) **U**: Use PLD Wisely (As Required by Lessons) **R**: Respect Each Other/Opinions (One Voice / Listen)
After		**R&R** **R**: Reflect and Consolidate your Learning **R**: Remember to Complete tasks and Charge your PLD

B: Classroom Management and Routines

Examples

- Student to fully charge their PDL at home
- PLD to be placed under their table unless required by teachers
- Clear classroom instructions (eg Screen-Up / Down)
- Consequences for misuse of PLD

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C: Device Management Application (DMA)

Device Management Application

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More details will be shared via PG for you to choose the option for your child.

Additional Resources for Parents

To support you in keeping your child safe online, you may refer to these additional resources from the school website:

- Parent Handbook (II) on Learning with a Personal Learning Device (available on school website)
- Parent Kit on Cyber Wellness for Your Child (https://go.gov.sg/moe-cyber-wellness)

Parent Support Group (PSG)

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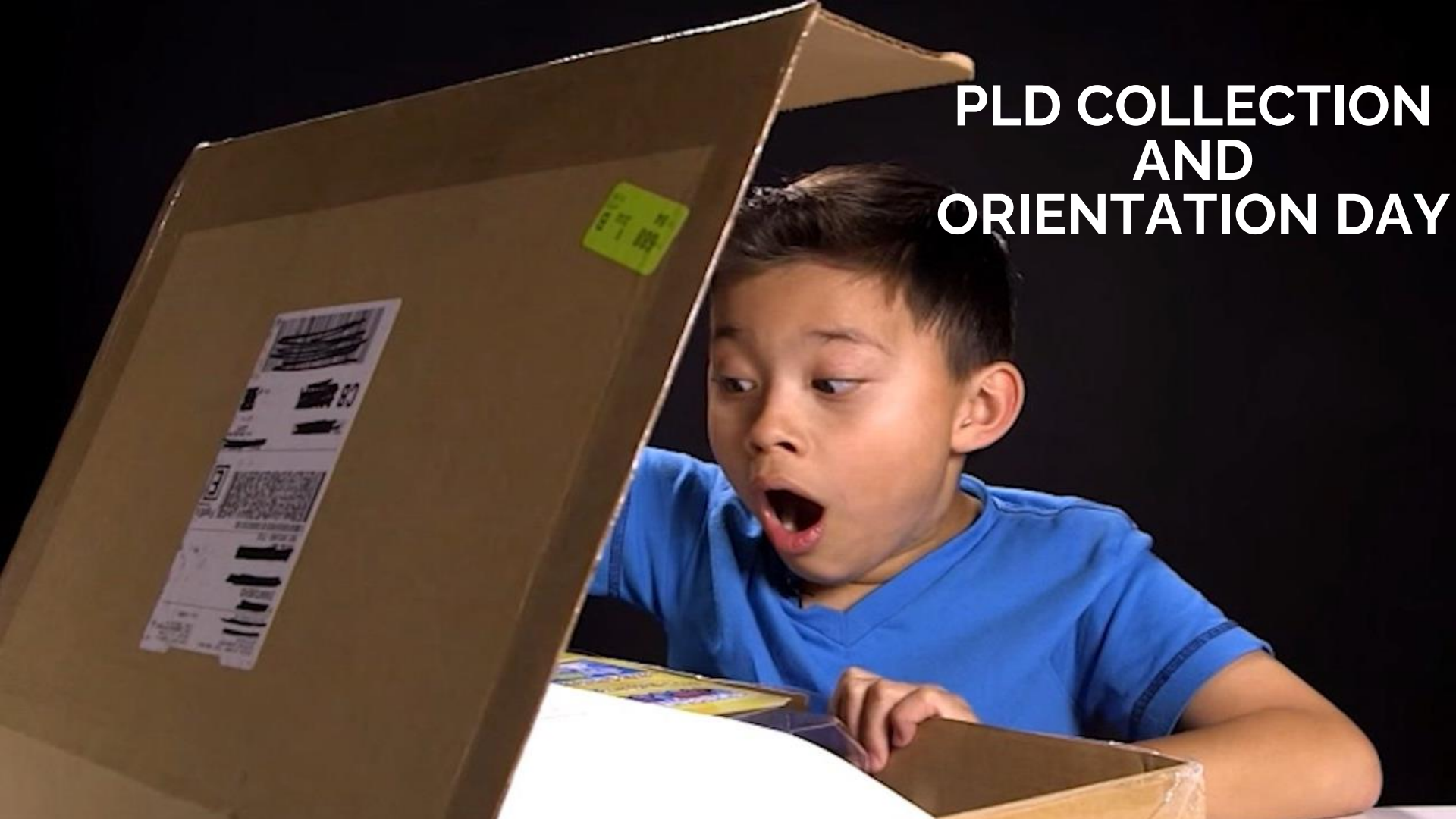
(Monthly Parenting Workshops)

S/N	Talk and Workshop Title	Date	Time	Speaker(s)
1	Familiarisation of MS Teams	TBC	10:00am – 11:30am	Mr Joseph Teo (HOD/ ICT, QTSS)
2	"I Can't Live Without IT!" Understanding & Engaging Our Digital Natives	TBC	10:00am – 12:00pm	Mr Nigel Wong (TCS)
3	“Standing Up Against Cyber Bullying” Helping Our Digital Natives Overcome this New World Danger	TBC	10:00 am – 12:00 pm	TBC


PLD COLLECTION
AND
ORIENTATION DAY

PLD ROLLOUT DATES

23 Jun – Sec 3

24 Jun – Sec 2

25 Jun – Sec 1

Venue : Classroom

PLD ROLLOUT & ORIENTATION

Shift 1 (3 Classes)

0800 to 1000hrs – Collection and setup of device

1000 to 1015hrs – Canteen Break

1015 to 1115hrs – Cyberwellness and AUP

1115 to 1130hrs – Intro to MS Operating System & Apps

Shift 2 (4 Classes)

1030 to 1230hrs – Collection and setup of device

1230 to 1245hrs – Canteen Break

1245 to 1345hrs – Cyberwellness and AUP

1345 to 1400hrs – Intro to MS Operating System & Apps

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Information on Insurance, Warranty and Technical Support

Insurance, Warranty and Technical Support

Enhanced Device Bundle

✓ 3-year insurance + 3-year warranty
✓ Allows for 2 repairs or 1 replacement

Note:
Once insurance is claimed for a replacement device, the insurance coverage will cease and the replacement device will not be covered by insurance.

Insurance, Warranty and Technical Support

Insurance*	Warranty
The device insurance coverage includes: Damage to or loss of device from the following which are non-manufacturer defects or internal mechanical faults: a) Fire b) Lightning c) Power Surges d) Accidental e.g water spillage, drop etc e) Theft due to forcible entry f) Robbery	This warranty warrants that the product will be free from manufacturing defects in materials and workmanship for the limited warranty period of 3 years.

**The insurance coverage is only applicable to situations of damages and loss where the student has taken precautions to safeguard the device.*

School Technical Support

School Helpdesk

Venue : Comp Lab 3 (Level 4)

Opening Hours : Monday to Friday 2pm to 4pm

* School can also provide the return/collection of your faulty devices to/from Lenovo on your behalf

Vendor Technical Support

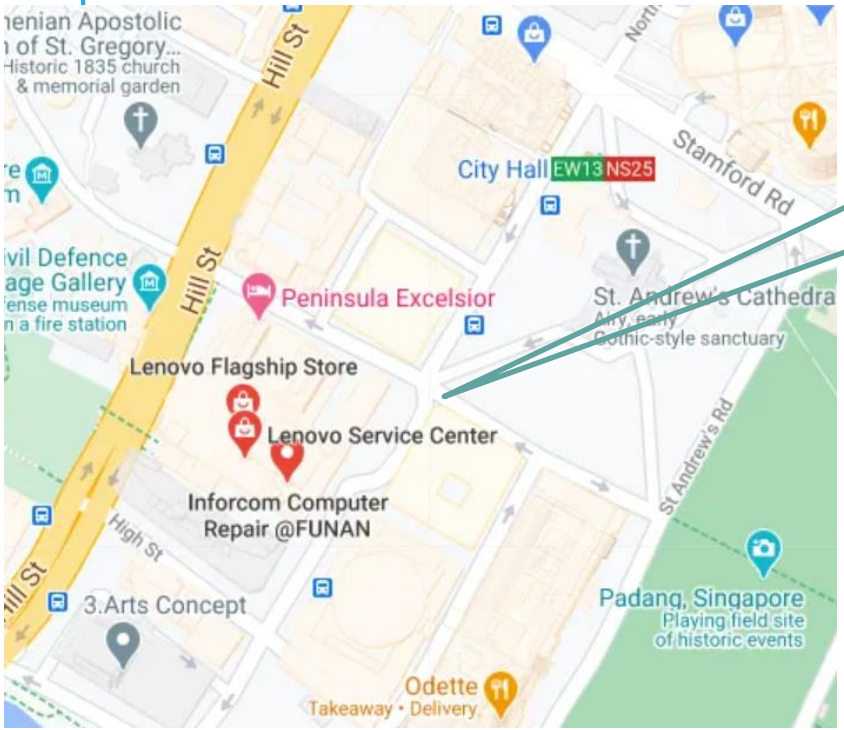
Help Desk Number:
800 852 8100

Help Desk Operating Hours:
Mon – Fri: 0900 – 1800
Sat: 0900 – 1500
Closed on Sun and Public Holidays

Help Desk Email:
aseansg@lenovo.com

Website:
https://www.asiapac.com.sg/pld/lenovo
(For buying of accessories)

Service Centre



Location

Lenovo Service Centre @ Funan Mall
(280m from CityHall MRT)

Service Centre Number: 6338 3778

Service Centre Email: aseansg@lenovo.com

Opening hours: Mon to Fri:1100hrs – 1900hrs
Sat, Sun and Public Holidays: Closed

Students can loan a PLD from the school during the repair period.

We look forward to partnering you in your child's learning.

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Recap of Briefing

PLD Initiative

- Recap of National Digital Literacy Programme
- Teaching & Learning via MS Teams
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