Curriculum Briefing

Information and Communications Technology (ICT)
Primary 5

Learners driven by Passion . Leaders guided by Values
Respect . Responsibility . Resilience . Integrity . Care . Harmony

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Role of Technology for the future

## A Range of Digital Skills needed for Life and Work (UNESCO, 2017)

Basic digital skills that enable students to access and **make functional use of digital technologies**

An intermediate range of generic digital skills that include the **ability to understand, contextualise and critically evaluate how technologies are being employed**

A set of **highly technical skills**, such as **computer programming and data analysis**, which are advanced and are not normally well developed or needed in ordinary users of technology
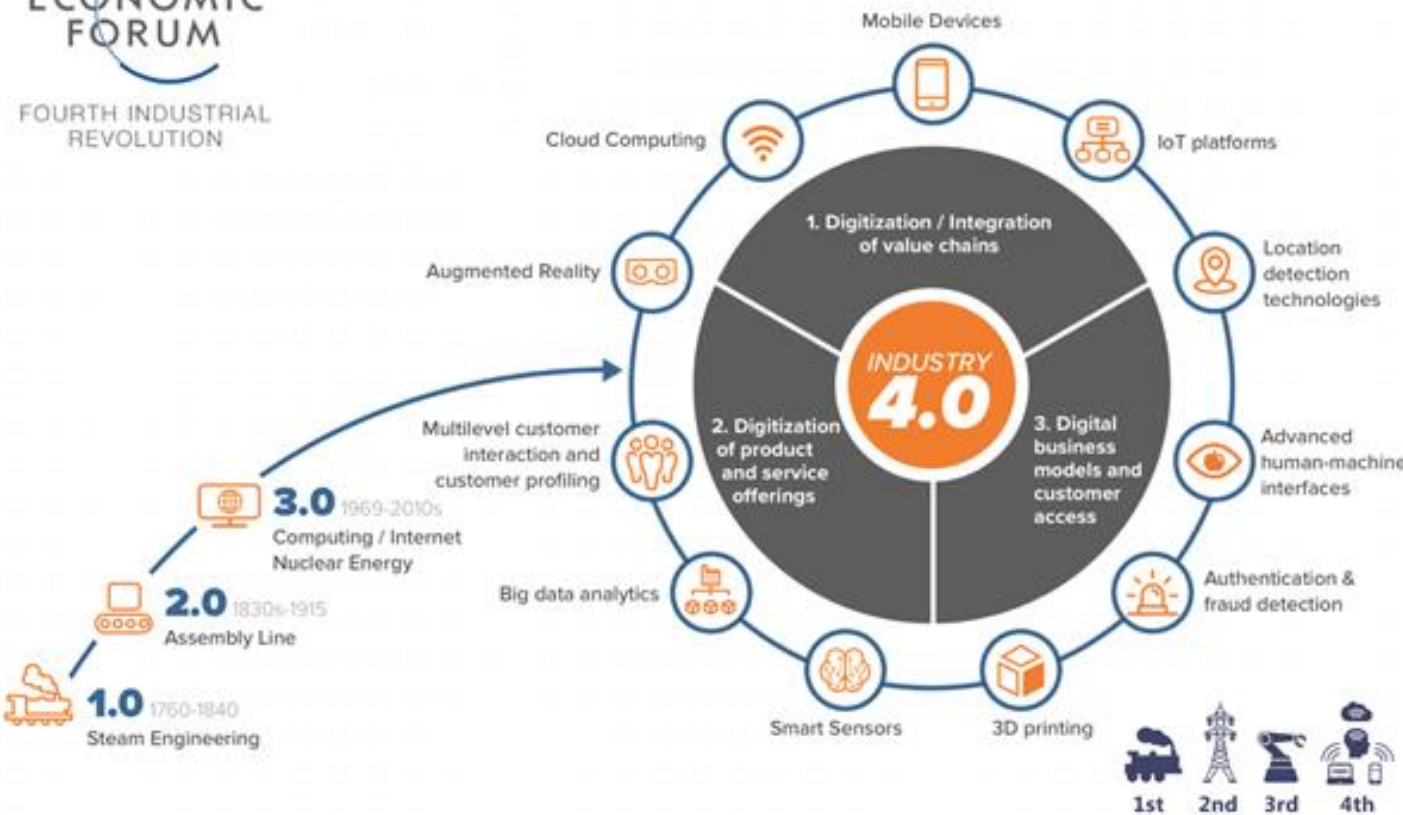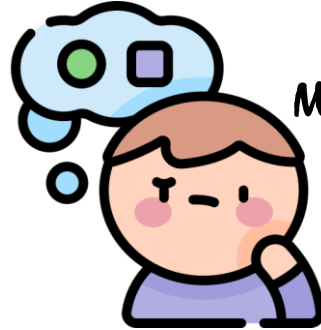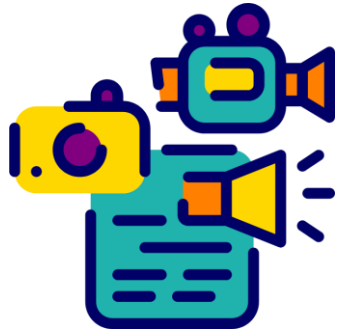
How Technology Impacts Learning

Encourage active learning and participation

Make students' thinking visible

Facilitate formative assessment – teacher can provide timely, immediate feedback

Multimodal representation of concepts
Students learn with videos, interactives, games, simulations

Communication and collaboration with teachers and peers

Self-directed learning
Students can learn on their own or with others, anytime and anywhere

Common Issues and how to Manage them

Common Issue:
Addiction to digital device

Look out for these signs of addiction:
- Lack of self-control and throwing tantrums when it comes to switching off of digital devices
- Irritability when not on the device
- Loss of sleep due to time spent on the device
- Health issues such as eye problems and back aches
- Drop in grades

How to manage:

Tip:
Guide your child on time spent online

Ask your child what he/she enjoys doing online.

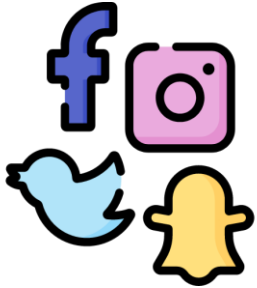Through your conversations, you can **decide together** how much time he/she should spend online.

Set a schedule in consultation with you child on specific time periods that he or she can use the devices and for specific purposes.

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Common Issues and how to Manage them

Common Issue (2):
Potential issues related to the use of Social Media

Most social media services and apps require users to be at least 13 years old. **If your child is below 13, you should assess if he or she is prepared to deal with inappropriate content, contact with strangers or cyber-bullying.**

If your child wants to use social media, discuss with him or her the pros and cons of doing so. You can consider setting the ground rules with your child.

How to manage:

Tip:
Teach your child to stay safe online

Remind your child not to chat with strangers online or share information (e.g. home addresses or names of family members) that can allow strangers to locate him/her.

Explain the need to **set his/her account to 'private'** and only accept requests from people that he or she knows well.

Highlight to your child that there will be people who claim to know his or her friends.

Common Issues and how to Manage them

Common Issue (3):
Cyberbullying

According to recent statistics, cyberbullying is on the rise.

How to manage:

Tip:
Look out for warning signs

Look out for warning signs that your child might be bullied online such as failing grades, making excuses to avoid going to school, fear or worry about school, and stress-related health problems.

Regularly check with your child about the types of conversations that go on in their chat group or on social media to assess if they are being bullied online.

Teach them online etiquette and remind them about the appropriate use of language.

Source:
https://www.moe.gov.sg/-/media/files/parent-kit/cyber-wellness-for-your-child.pdf

Common Issues and how to Manage them

Common Issue (4):
Fake news

How to manage:

An Introduction to the Rainbow Owl

The Rainbow Owl is a rare species ~~of owl found in~~ hardwood forests in the ~~western United States and~~ parts of China. Lon~~g coveted~~ ~~for~~ ~~its~~ ~~colorful~~ ~~plumage,~~ the Rainbow O~~wl nearly went~~ ~~extinction~~ in the earl~~y 20th century. However, due to~~ conservation eff~~orts in recent years there have been~~ a significant population incre~~ase, particularly~~ in northwestern Montana

The adult Rainbow Owl is on average 44 cm long with a 112 cm wingspan. Unlike most owls, which are

FAKE

Have regular conversations with your child about the online information he/she comes across. Encourage he/she to verify the information with fact-checking websites such as Snopes.com or FactCheck.org

Tip: Guide your child to behave responsibly online

CONSUMING INFORMATION ONLINE	POSTING INFORMATION ONLINE
• Encourage your child to **verify information** with multiple credible sources.	• **Co-create guidelines** with your child on what he/she can post online.
• Get them to **check with you or a trusted adult** when in doubt.	• Guide him/her to use the **THINK** framework when creating the guidelines:

Is it **T**rue, **H**elpful, **I**nspiring, **N**ecessary, **K**ind?

5 Tips to Ensure Your Child Stays Safe & Happy Online

1 SETTING EXPECTATIONS

Set clear expectations together with your child.

Establish routines for device usage early.

Help your child develop good habits to ensure a healthy balance of online and offline activities.

Examples of good habits include:

✓ Stop use of devices during mealtimes.

✓ Stop use of devices 1 hour before bedtime.

✓ Set aside time to exercise daily.

2 HAVING CONVERSATIONS

Have regular conversations, for example at mealtimes, with your child about his/her online activities.

This will help you be aware of your child's online activities and enable you to spot possible dangers early.

Examples of conversation starters include:

✓ What do you enjoy most about your favourite apps or sites?

✓ What online activities can we do as a family?

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5 Tips to Ensure Your Child Stays Safe & Happy Online

③ BE SMART

Remind your child to check the credibility of the online information by using the acronym S.U.R.E.

S — Is the SOURCE of information you found trustworthy?

U — Based on your UNDERSTANDING, is the information an opinion or a fact?

R — Have you done your RESEARCH and compared with multiple sources?

E — Have you EVALUATED / considered the information from different angles?

④ BE SAFE

Highlight to your child indicators which show that a website is safe to visit.

Examples of indicators include:

✓ the website address begins with 'https'

✓ the address bar has a 'lock' icon

Teach your child what he/she can do if he/she comes across inappropriate content.

Examples of actions include:

✓ close the webpage immediately

✓ inform a trusted adult about it

⑤ BE KIND

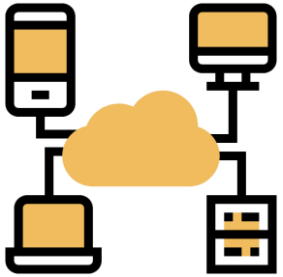Encourage your child to always be respectful when giving comments online.

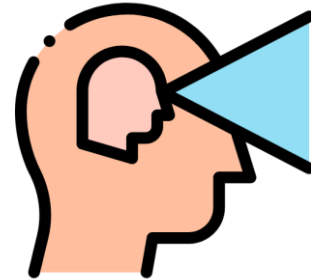Get your child to reflect If the comment he/she is about to post is:

T — rue?

H — elpful?

I — nspiring?

N — ecessary?

K — ind?

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ICT Baseline Skills Programme @West Spring Primary School

Approach

Meaningful integration into subjects

Teacher-facilitated lessons conducted in school

Process

Teacher integrates the digital skills into the curriculum.

Reinforce skills via meaningful lessons/ online assignments

Assessment of skills via bite-sized informal assessment tasks in class

Media Literacy Programme
Primary 5 modules

Primary 5 / Title of Module	Term
Touch Typing Skills (Fastest Fingers Competition)	1
501/ Collaborative learning with Google Doc / Google Slides	2
502/ Student iCON Email: Emailing	3

Media Literacy Programme
Primary 5 modules

Primary 5 / Title of Module	Term
501/ Collaborative learning with Google Doc / Google Slides	2

502: Collaborative learning with Google Doc / Google Slides

- how to collaborate with peers to edit a Google Doc / Slides using the editing tools and commenting function

Media Literacy Programme
Primary 5 modules

Primary 5 / Title of Module	Term
502/ Student iCON Email: Emailing	3

503/

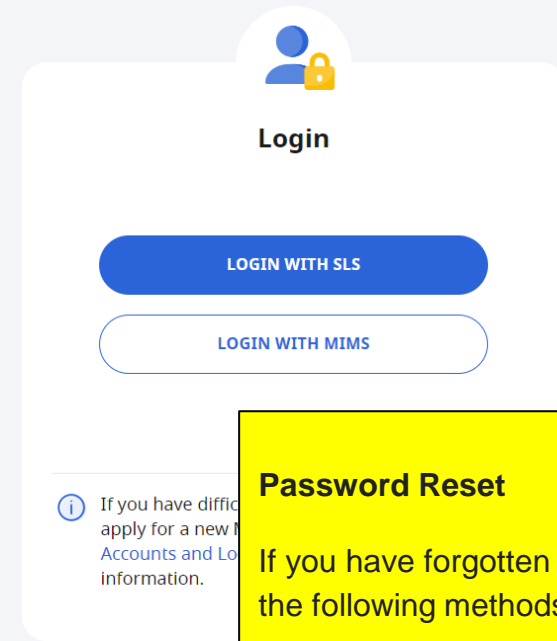**Student iCON Email: Emailing**
- how to make use of the basic functions of email for communication

Purposeful use of technology to transform learning experiences

## Learning via SLS

New interface

Password Reset

If you have forgotten your password, you can reset it via the following methods:

1. **self-help password reset using password reset link,**
2. **self-help password reset using security questions,**
3. contact your School-based Helpdesk, or
4. contact the SLS Helpdesk.
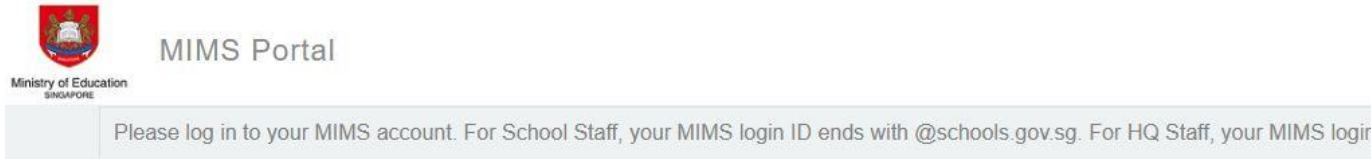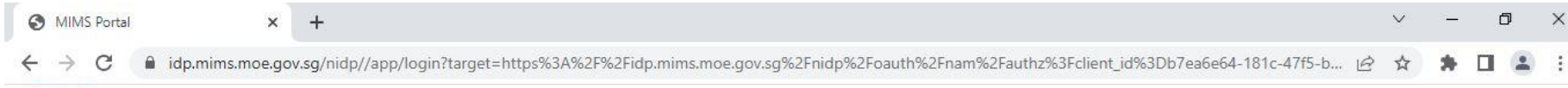
Instructions for logging in to SLS

1 **https://vle.learning.moe.edu.sg/login**
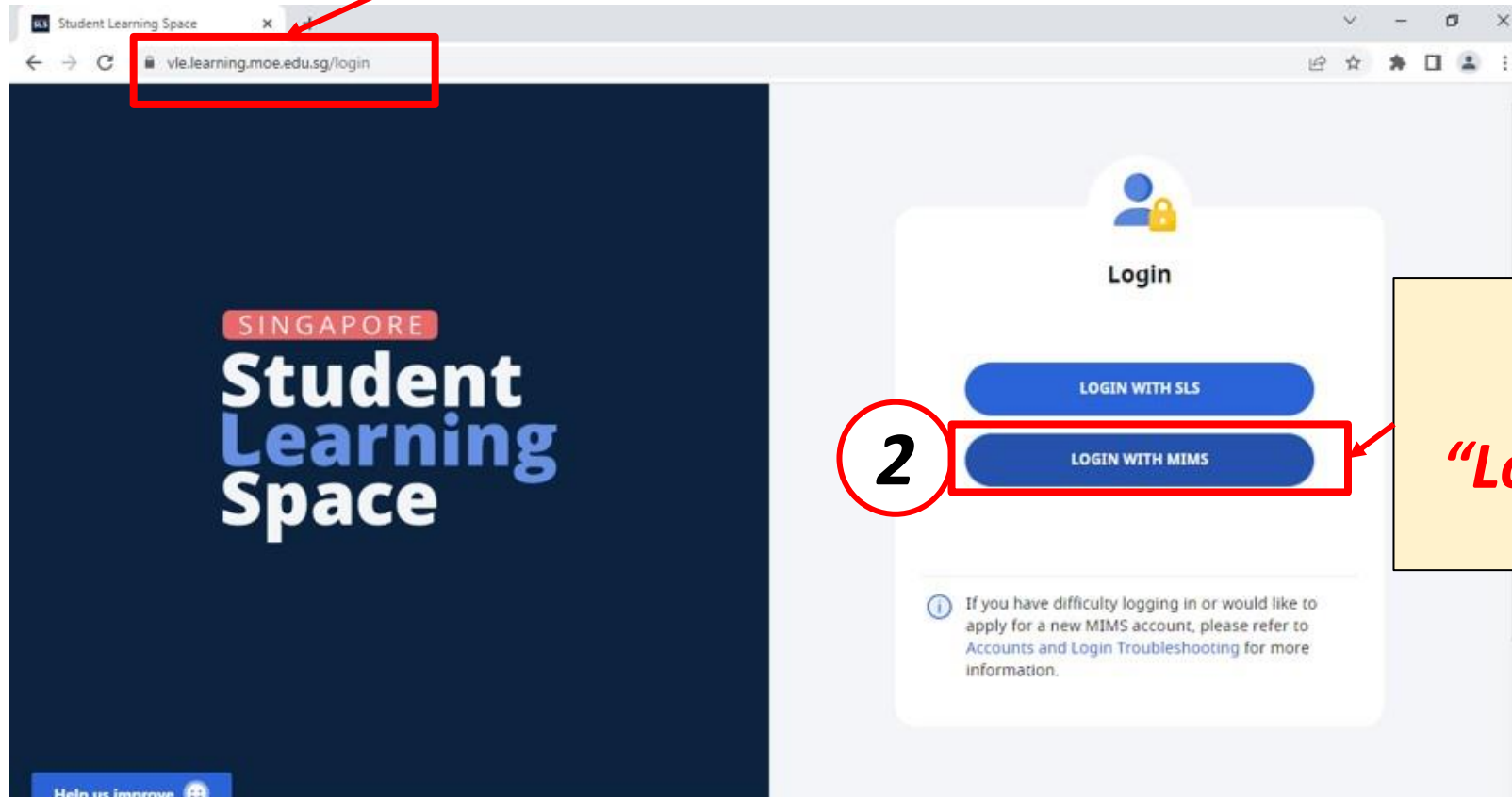
2 Click on "Login with MIMS"

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Instructions for logging in to SLS

Student ICON email

Goodjob2023(class)

Forgot Password?

Student ICON email
Full_Name@students.edu.sg

Example:
Tan Kai En, John
tan_kai_en_john@students.edu.sg

Example:
If you are in class **1A**, *password* will be
Goodjob2023**1a**

*(*Password is the same as the window login password.")*

How you can support your child's learning on SLS

Student Learning Space

Welcome back, **Wilfred Tay**!

MOE Library

User Guide

Recent Announcements

To see all of your Class Group announcements, go to My Announcements page.

New Layout
Wilfred Tay

Class Groups | **Due Soon**

To pin or unpin Class Groups, go to your Class Groups page.

Computing
⊘ OPEN

⊘ OPEN

Maths
⊘ OPEN

⊘ OPEN

Social Studies
⊘ OPEN

SLS supports your child's

- **self-directed learning**

- **self-paced learning**

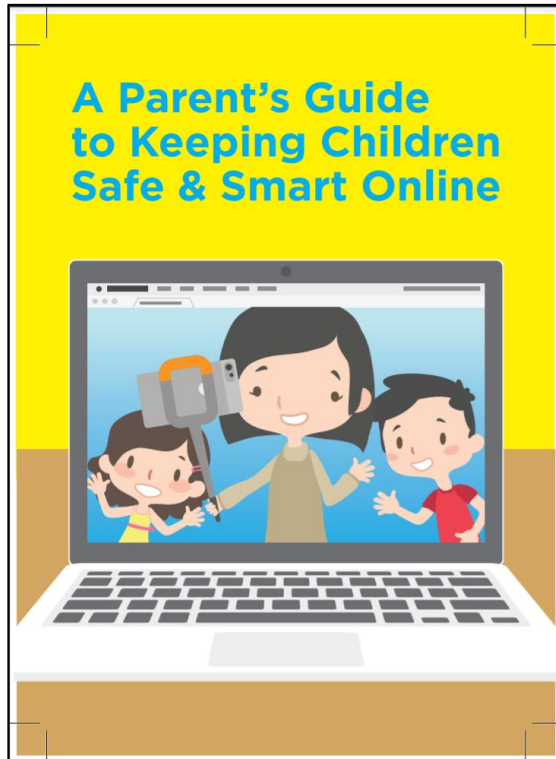Your child can access quality curriculum-aligned resources:

- videos
- interactives
- quizzes
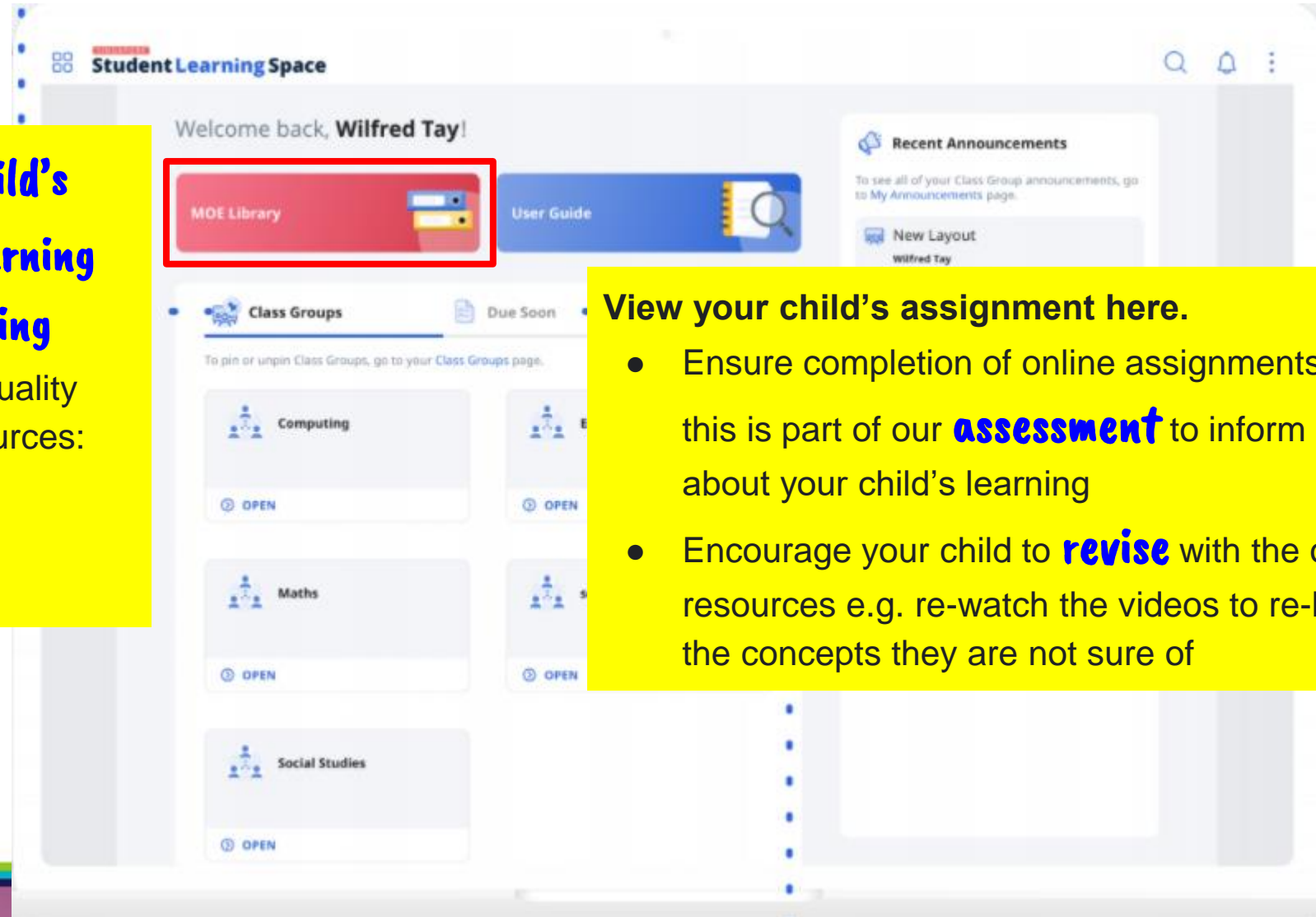
View your child's assignment here.

- Ensure completion of online assignments as this is part of our **assessment** to inform us about your child's learning

- Encourage your child to **revise** with the online resources e.g. re-watch the videos to re-learn the concepts they are not sure of

Useful Resources for Parents

A Parent's Guide
to Keeping Children
Safe & Smart Online

https://www.betterinternet.sg/-
/media/Resources/PDFs/Parents-
Guides/Safe-and-Smart-Online-Parent-
Guide.pdf

C-QUEST

A **mobile app game** to promote conversations about cyber wellness between parents and children

https://www.schoolbag.edu.sg/story/quest-for-cyber-wellness

From MOE

- Parents, the guardians of internet
- Guide for parents on setting parental controls
- Understanding cyber wellness
- Navigating the cyber world safely
- ICT in schools: To use or not to use?
- Play safe – avoid online gaming addiction
- Safeguarding your child online
- Exploring online, safely and confidently

From external agencies

- Media Literacy Council
- National Crime Prevention Council
- S.U.R.E. by National Library Board
- Cyber Security Agency
- Internetmatters.org