

Mr Ooi Wei Yong

HOD EdTech

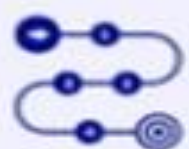
National Digital Literacy Programme



AI CAN MEANINGFULLY TRANSFORM TEACHING AND LEARNING

MOE harnesses Artificial Intelligence (AI) as a strategy¹ to achieve the desired student outcomes, empowering self-directed learning and customising students' learning experiences.

Three AI-enabled systems are now available on the Student Learning Space (SLS):



Adaptive Learning System



Teaching and Learning Assistants



Learning Feedback Assistants

FIND OUT MORE ABOUT THEM ON THE NEXT PAGE >>>

GREATER CUSTOMISATION OF LEARNING

- **Adaptive Learning System (ALS)** provides personalised learning pathways to enable students to learn at their own pace.
- **Teaching and Learning Assistants (LEA)** guides students' self-directed learning through dialogue and iterative questioning based on curated learning materials in its knowledge base.

I can correct my own errors... click to hear more!

PERSONALISED FEEDBACK FOR LEARNING

Learning Feedback Assistants (LFAs) provide timely and targeted feedback across different subjects, helping students identify and correct their mistakes. They support the development of writing and oracy skills, content understanding, as well as problem-solving skills, while enabling teachers to focus on guiding students in deeper learning and higher-level thinking.

ALS helps me learn at my own pace... click to hear more!

CLASS PROGRESS



SUPPORTING TEACHERS' PROFESSIONAL PRACTICE

Teaching and Learning Assistants support teachers by automating routine tasks, analysing student responses, and enhancing lesson design. Tools like **Authoring Copilot (ACP)** help teachers generate lesson ideas and activities, while **Data Assistant (DAT)** allows teacher to quickly analyse students' open-ended responses to enable timely and targeted interventions. These tools enable teachers to focus on designing more effective and personalised learning experiences.

¹ The National AI strategy announced in November 2019 outlined a plan for Singapore to deepen our understanding and use of AI technologies to improve lives. MOE's Edtech Plan also guides the development of these AI systems for learning.

Overview of the National Digital Literacy Programme and the Personal Learning Device Initiative

The National Digital Literacy Programme (NDLP)

1. The NDLP was launched in March 2020 to **make digital learning inclusive by equipping students with the digital skills** to be future-ready.
2. Under the NDLP, every secondary school student will **own a school-prescribed personal learning device (PLD)**. Students may use funds from their Edusave Account to pay for the PLD.

Intended Outcomes of the PLD Initiative

In JSS, your child will be using PLDs to:

**Support the
Development of
Digital Literacy**

**Support Self-
Directed and
Collaborative
Learning**

**Enhance Teaching
and Learning**

Role of the Device Management Application (DMA) in Providing a Safer Digital Environment for Learning

DMA Details

Device Management Application (DMA)



During School hours: 6.30am – 6pm

- Only School Apps will be available.



After School hours: 6pm – 10.30pm

- Parents can choose from 3 types of configurations



Bedtime: 10.30pm – 6.30am

- iPad will be disabled to encourage students to have enough sleep.

MOE and the school will set the level of web content filtering, including filtering out objectionable content or content that may not be conducive to teaching and learning (e.g. social media, pornography, gambling, or websites containing extremist content)

DMA Details

DMA - After School hours: 6pm – 10.30pm

Default	Option A	Option B
In-school DMA settings will continue after school hours	Parents/Guardians can modify the DMA settings after school hours	Parents/Guardians can choose to disable DMA after school hours
Only School Apps will be available in the iPad. Recommended	Parents to choose what App is available for your child. (Note that the configuration is much more complex than the usual system.) For parents who are very experienced with Parental Control Apps	Students can install any App in the iPad for after school use Safe Web Filter still applies.

Device and Funding Information

Device and Funding Details

The Personal Learning Device



**iPad 11" (A16)
128 GB with stylus
and durable case
with keyboard**

The school will be using the latest **iPad 11 inch(A16)** for teaching and learning.

Estimated Total Cost with GST: \$829.30

The school chose the device because of:

- Portability
- Durability
- Touch Screen
- Inking function using stylus
- Keyboard for typing
- Long Battery Life

Device and Funding Details

The Personal Learning Device



**iPad 11" (A16)
128 GB with stylus
and durable case
with keyboard**

The package includes **a 4-year warranty, and 4-year insurance** which includes:

Insurance Coverage

- Fire
- Lightning
- Power Surges
- Accidental e.g water spillage, drop etc
- Theft due to forcible entry
- Robbery

*Accidental loss will not be covered by insurance.

Timeline

Timeline

Time Frame	Event
By 9 Jan 2026	Parental Consent for Purchase and use of Edusave
Last week of Feb	Collection of Device in School by Student

School-Home Partnership: Guiding our students' use of PLD & mobile devices

Supporting Your Child's Well-Being Through School-Home Partnership (SHP)

3 areas where we can work together:

1. Respectful Communication

2. Role Models

3. Real Connections



Supporting Your Child's Well-Being Through School-Home Partnership (SHP)

PDLP Resources for Parents

**Cyber
Wellness
Parenting
With
Confidence**



**EdTech
Parenting
With
Confidence**

<https://for.edu.sg/pdip-jss>

Ms Ong Wei Chen

HOD PE & CCA

Overview of CCA Programme

Objectives of Briefing

**CCA as Key
Student
Development
Experiences**

**Grading of CCA
(LEAPS 2.0)**

**CCAs offered in
JSS**

**Important notes
on Choosing of
CCA**



CCAs as Key Student Development Experiences

- ❑ **Develops character**, inculcate and promote national values, skills and social integration
- ❑ Provides **multiple avenues** to **nurture students** to prepare them for their future work and life

Character & Values

Social-Emotional
Competencies

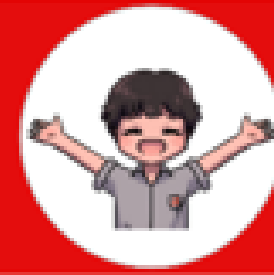
21st Century
Competencies

Interests & Talents

CCAs as Key Student Development Experiences

Enablers

- Student Agency
- Leadership Development
- Education and Career Guidance
- Opportunities for Excellence



STUDENT OUTCOMES

Every Student A Success Story



Adaptive Thinker

- *Curious*, open to diverse perspectives and contexts
- *Cognitively flexible*, responds nimbly

Confident Person

- Keen *awareness* of one's own strengths and potential
- *Courageous*, voicing and exchanging ideas spontaneously, *responsibly* and *respectfully*

Persevering Learner

- *Determined*, takes calculated risks and persists through failure
- *Reflective*, has the will to act and to strive for excellence

Concerned Citizen

- *Empathetic and caring*, committed to the betterment of our community
- *Rooted* to Singapore, when engaging with global and social issues

Realising Excellence, Nationally & Internationally



**Jaden Ng
(S4, 2025)**

**SEA Basketball Association
Under 17 3X3 Cup 2025**



**Du Zhuo Yuan
(S4, 2024)**

**13th ASEAN School Games
2024 (Basketball)**



**Benjamin Jacob Regeher
(S3, 2025)**

**29th AW-MSSW-SSSC Track and
Field Championship 2024**

CCAs as Key Student Development Experiences

At Secondary Level, CCA is **COMPULSORY**

- CCA is graded
- All students must participate in one main CCA
- **If the attendance per semester is <75%, the student will be given a FAIR for conduct grade for that semester**

CCAs as Key Student Development Experiences

TRAINING FREQUENCIES

- 1 – 3 times a week
- 2 – 3 hours per session

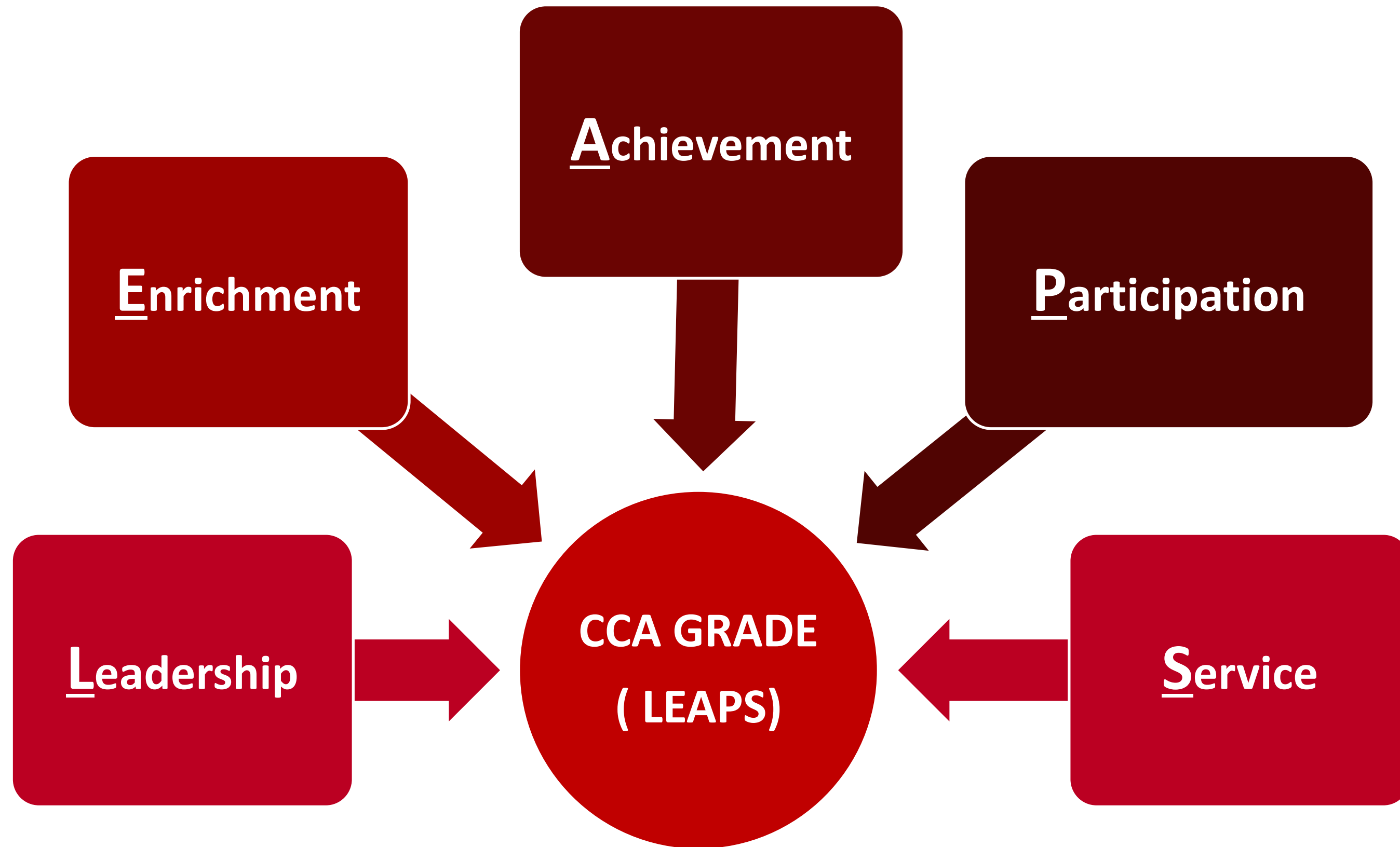
TRAINING DAYS

- Tuesday
- Wednesday
- Friday

CCA Grading (LEAPS 2.0 Scoring System)



Categories in the LEAPS Scoring System



GRADING CRITERIA

Grading Criteria

Levels of attainment of 1 – 5 for

Leadership

Participation

Achievement

Service

There is no level of attainment to

Enrichment

Category: Leadership

- Affirms students' development as a leader
- Development through leadership modules, National Youth Achievement Award and leadership positions at the class, school and CCA level

LEVEL	EXPECTATION
1	Completed 2 modules on leadership
2 – 3	National Youth Achievement Award: Level 2: Bronze Level 3: Silver
2 - 5	Recognition of progressive student leadership development Class, School, CCA

Category: Achievement

- Affirms students' efforts in school/ external organisations' events/ competitions
- Recognises students' diverse interests and talents beyond school

LEVEL	EXPECTATION
1	Represent class / house / CCA (Intra-school)
2 – 4	Represent school or participate in events or competitions by MOE or external organisations
5	Represent Singapore / MOE in Singapore Schools Competition/ National Project of Excellence (NPOE) / UG HQ in international UG competitions

Category: Participation

- Affirms students’ sustained involvement in school-based CCA throughout secondary school education
- In either Sports and Games, Performing Arts, Uniformed Groups or Clubs and Societies

LEVEL	EXPECTATION
1 - 4	Participation in a CCA for 2 to 4/5 years
4 - 5	Continuous involvement in the <u>same</u> CCA for 4/5 years
3 - 5	Exemplary conduct and active contribution in CCA with at least 3 years of participation in any CCA

Category: Service

- Affirms students' contributions to the community as responsible and active citizens
- Through JSS' Values-In-Action (VIA) programmes (school and student-initiated)

LEVEL	EXPECTATION
1 - 4	<u>Highest level attained in a combination of:</u> Number of hours of service Involvement in VIA projects
5	Student-initiated VIA project that make an impact the community beyond the school



CCA Grading for Entry into Post-Secondary Institutions

Junior College

- CCA grade “Excellent”
= **2** bonus points
- CCA grade “Good”
= **1** bonus point

Polytechnic or ITE course

- CCA points can be used to compete for places

18 CCAs

DIVERSE LEARNING EXPERIENCES

Student Choice & Agency



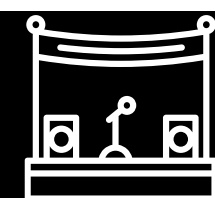
Clubs and Societies

- Media & Visual Arts
- Explorers



Sports

- Badminton (Boys)
- Basketball (Boys)
- Basketball (Girls)
- Cross Country
- Dragon Boat (Boys)
- Volleyball (Girls)



Performing Arts

- Choir
- Concert Band
- Contemporary Dance
- Guzheng Ensemble
- English Drama



Uniformed Groups

- Girl Guides
- National Cadet Corps (Land/Boys)
- National Police Cadet Corps
- Red Cross Youth
- Scouts (Boys)



Important Notes on Choosing CCA

Guiding Your Child to Choose the Right CCA

**CCA
Display Day**

Tour of all the
CCA booths

Demonstrations
and hands-on
activities

**CCA
Experiential
Sessions**

Experience
actual CCA
sessions

At least 2
sessions



Helping Your Child Choose the Right CCA

TIMELINE

**Sec 1 MTP and
CCA Display Day
(9 Jan)**

**CCA Experiential
Sessions
(13 to 30 Jan)**

**Submission of
CCA Options Form
(29 Jan to 2 Feb)**

**CCA Allocation
(27 Feb)**

Key info on Experiential Sessions

- Sessions to be conducted from **13 to 30 Jan 2026**.
- Registration exercise starts at 9 Jan (5.00pm) and ends on 12 Jan (3.00pm).



Students who have been pre-selected for **Basketball, Volleyball, Badminton and Cross Country** and admitted for **DSA-STEM** **NEED NOT** attend the Experiential Sessions.

Strategic Participation Co-Curricular Activities (SP CCA) – Water Polo , Ethnic Dance & Canoeing

- **SP-CCA (Water Polo)**

- **SP-CCA (Canoeing)**

- Selected students will attend the CCA out of curriculum time
- Do not need school-based CCA
- Interested students are to **attend at least one of the try out sessions*** before registering for the programme.

- **SP-CCA (Ethnic Dance)**

- For students in Dance CCA
- Extend and enrich school-based experiences
- More information will be out in Mid-Jan

Participation in NSG competitions **NOT** offered in JSS

- Individual sports CCA under the NSG competition
 - Eg, Golf, Fencing, Swimming, Wushu, Tae Kwan Do

Students who wish to take part in these NSG competitions must still attend a school- based CCA

FOR QUERIES

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Mdm Wang Cuifeng

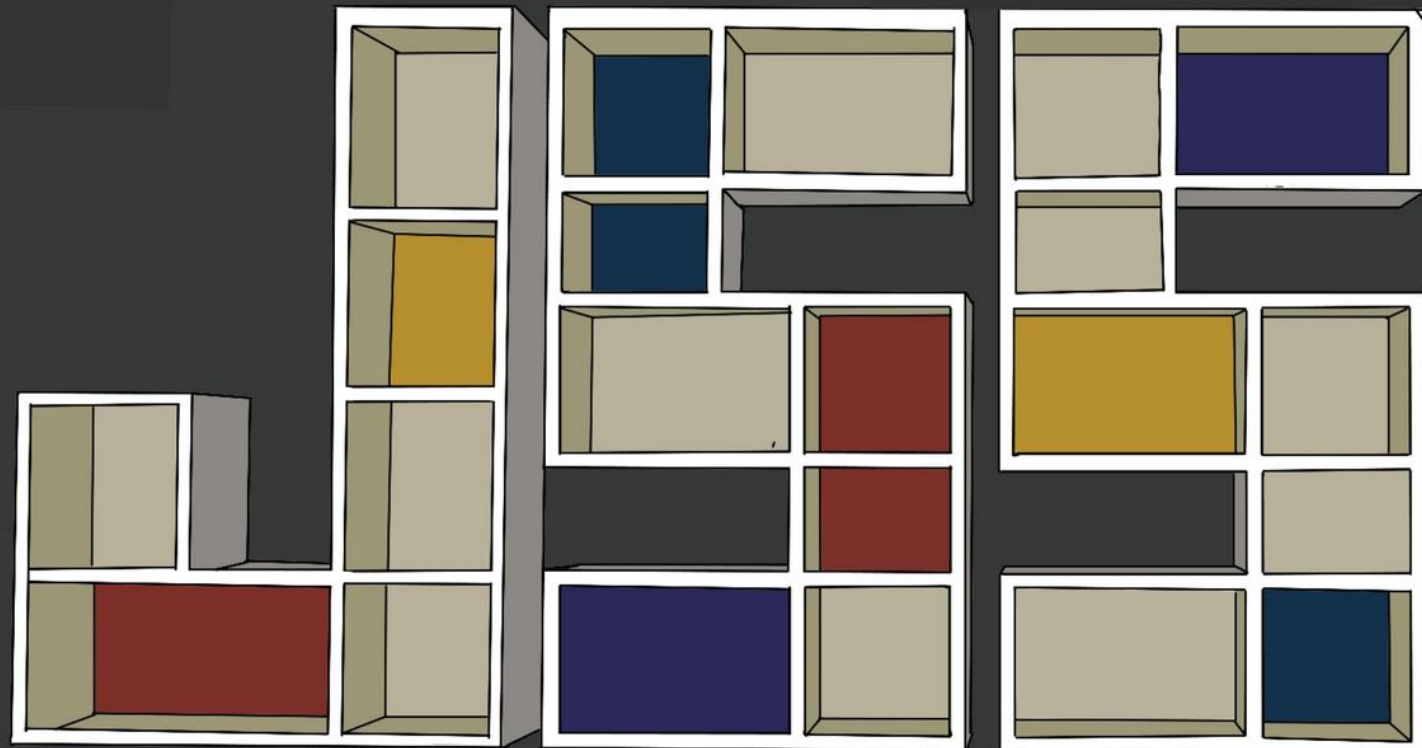


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6265 5980 (School contact no)

THANK YOU



Every Child a Success Story

