



Secondary 2 Principal's Message and Subject Selection Information 2022



To nurture BBSSians to be self-directed learners with abundance mentality

Outline of Presentation

1	Principal's Message
2	Post Secondary Pathways
3	Secondary 3 Subject Offerings 2023

Principal's Message

Mr Phua Huat Chuan
Principal



Today's Focus

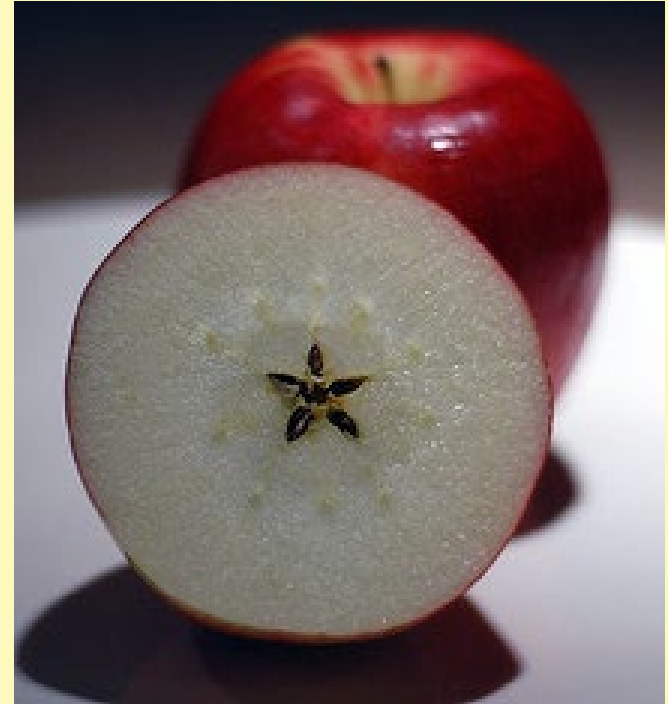
Secondary 2 Streaming

- What does it mean?
- What does it involve?
- What does it affect?



Our Philosophy

***We Believe
Every Child is
Unique and
has Innate Abilities***



**WORK TOGETHER TO
POLISH THE STAR!**

DAY SHIFT & NIGHT SHIFT

BUKIT BATOK SECONDARY SCHOOL



Mutual Respect and Support

To nurture BBSSians to be self-directed learners with abundance mentality



To nurture BBSSians to be self-directed learners with abundance mentality

Day Shift & Night Shift

**WORK
TOGETHER TO
POLISH THE
STAR!**



Vice-Principals



**Vice-Principal
Mr Wu Tian Hwee**



**Vice-Principal
Mr Mak Yew Chong**

Year Head and Discipline Committee



Mrs Quek Meng Chee
YH/Lower Sec



Mr Kevin Loh
HOD/Discipline



Mr Gabriel Yang
LDM

Allied Educator – Learning Behaviour Support



Ms Lee Wan Ting, Candy

Senior School Counsellor



Mdm Jane Lim Mui Gek

Teacher Counsellors



**Mr Marshall Tan
Khoon Lim**



Miss Tan Pei See

Sec 2 – Level Objectives

To ensure that all Sec 2 students are **self-directed** and are:

- **Competent** in self-management & study skills
- Able to **get into the choice of their subject combination** at the end of Sec 2 streaming, by merit.
- Aware of various **category of courses in post secondary** that match their interest / aspiration (e.g. Engineering / Health Sciences / Business / IT / Social Sciences / Sport Sciences)



Support for Sec 2 Cohort

Programmes to build strong rapport

Discipline & Values Education

CCE Programme to build socio-emotional competencies

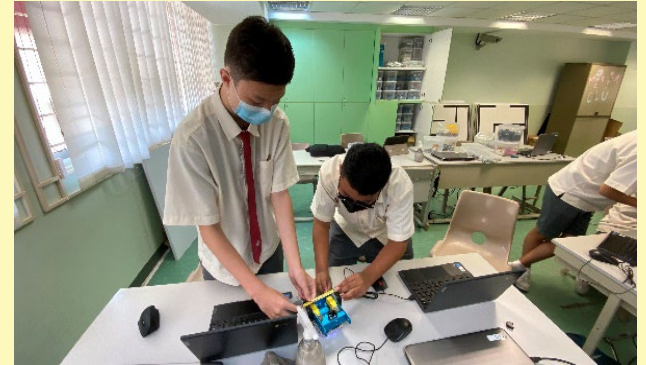
Educational and Career Guidance



Holistic Sec 2 Programmes



MLA



ALP



Historical Investigation



Maths Trail



Holistic Sec 2 Programmes



Science projects

Types of soils we use for our experiment (INFORMATIONS AND DESCRIPTIONS)		
Type of soils	pH level(benefits)	Conditions of the soil
Garden ing soil	<ul style="list-style-type: none">pH can vary from 4.5 (very acidic) to 9.0 (very alkaline)	<ul style="list-style-type: none">outdoor application
Potting soil	<ul style="list-style-type: none">pH is generally slightly higher in acidity from pH5.3- pH6.5.	<ul style="list-style-type: none">Potting soil is best for indoor purposes like seed starting and growing houseplants.

Sand (Atharva)

After adding Sodium hydroxide and aluminium pieces. Bubbling was seen which shows that nitrate was present. **The only test in which this happened**

Filtrate : - It's more muddy than the control set up -Closer pH to water. -Shows that it is not the best filtration material

Control set up: Muddy water

Geographical Investigation



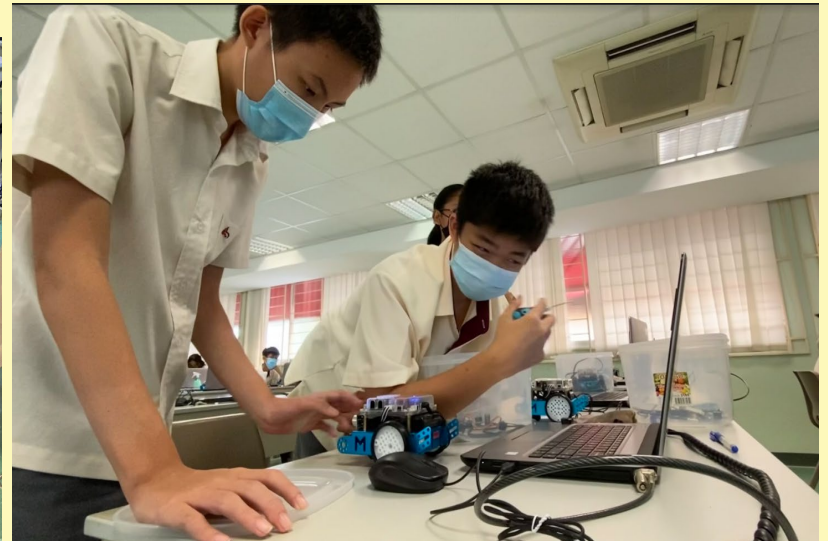
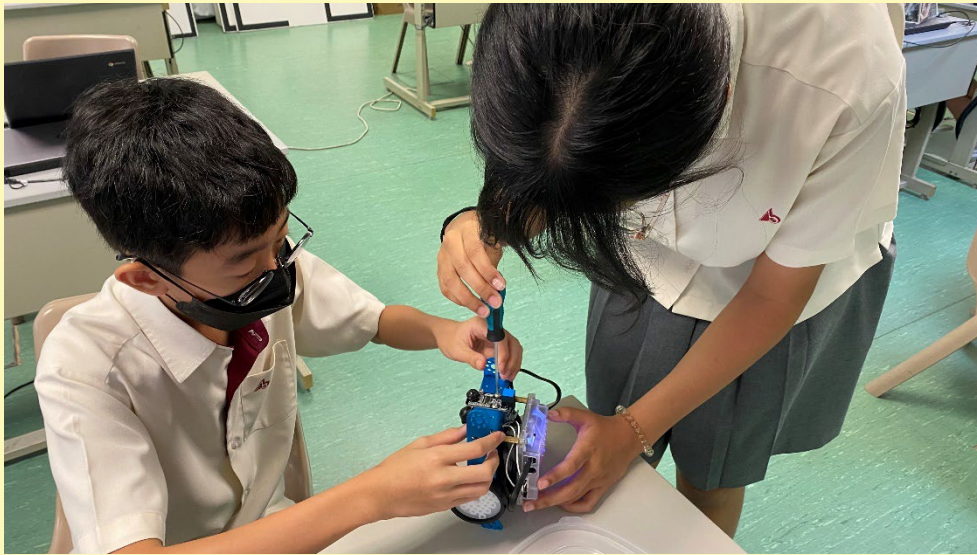
Internationalisation Programme

Holistic Sec 2 Programmes

Programme	What do they learn
MLA	Teamwork and Class spirit Confidence building Strengths and Interests
Maths Trail	Teamwork, HOM (Striving for Accuracy, Thinking Interdependently, Persisting) Application and Relevance of Maths in real-world contexts
Science Projects	Teamwork, Science research skills, Thinking Interdependently, Question and Poise problems
Historical & Geographical Investigation	Gathering data through observations, artefacts analysis of data and research skills

Holistic Sec 2 Programmes

Programme	What do they learn
ALP Theme-Urban and City Landscapes	-Design Thinking (Problem Solving) -Sensor Controlled Applications



Holistic Sec 2 Programmes

Programme	What do they learn
Self-initiated Learning (SIL)	Process of self-managing, self-monitoring and self-modifying Develop as self-directed learners with abundance mentality
Effective Communication Programme (ECP)	English language skills of reading, writing, speaking and listening Performance skills through presentation to an audience
Internationalisation Programme (IP)	Hosting of overseas educators and students to facilitate rich cross-cultural exchanges Overseas learning trips

Deepening Collaboration with parents

Category	Possible area for collaboration
Pathfinder	<ul style="list-style-type: none">• Provide Career Guidance• Sharing of work experiences• Inspire students to join industry
Involved Parent	<ul style="list-style-type: none">• Participate in Maker Activity and/or other activities with your child
Concerned Stakeholder	<ul style="list-style-type: none">• Attend ALP Showcase or other school events• Communicate to neighbours or community about our ALP

Educational & Career Guidance in BBSS for Secondary 2 (ECG)

The ECG Programme in Secondary 2 serves to enable students to:

1. explore occupations from at least 2 industries (STEM & non-STEM) and be inspired!
2. articulate their aspiration.
3. make an informed choice for the subjects they would like to take in secondary 3

MLA (Developing strengths, teamwork)

ECG Lessons

Educational Pathways

Scheduled Monthly Career Talks and

Counselling sessions with school senior ECG Counsellor



ECG in BBSS for Secondary 2

Examples of ECG lessons...

Sec	Lesson	Lesson Title	Theme
2	1	<u>Different Strokes for Different Folks</u>	Self-Awareness and Self-Management
	2	<u>Drawing Connections</u>	Career Sector Exploration
	3	<u>Your Choice Matters</u>	Exploring the Education Landscape and Planning Pathways
	4	<u>It's Not Just About Me</u>	Awareness of Relational Support and Decision Influencers

ECG in BBSS for Secondary 2

Career Talks Series 2022

- Sharing by professionals from different industries
- Monthly basis

Date	Speaker	Industry
27 Jan Thu	Ms Cathy Cong and Mr Ng Ko-Vin	Maritime
24 Feb Thu	NYP Mr Jashirudeen Abdul Rahiman, Senior Lecturer School of Design and Media	Architecture
3 Mar Thu	Mr Carlin Lee President of SG Psych Stuff	Psychology
21 Apr Thu	Jill Tan SCIC Singapore Chemical Industry Council Limited	Chemical
5 May Thu	Dr Djeni Huang National University Polyclinic	Healthcare Industry
21 Jul Thu	Mr Sarjit Singh BBM, PBM, FCA (Australia), FCA (Singapore), Executive Chairman, Ardent	Accounting
18 Aug Thu	BCA-appointed speaker	Building & Construction Authority
29 Sep Thu	Mr John Tan Jessie Technologies	Engineering
27 Oct Thu	Ms Sum Xue Fen, HOD MT Dept BBSS	Education

ECG in BBSS for Secondary 2

Senior Education and Career Counsellor
Lim_jit_boon_melisa@schools.gov.sg

If your child needs ECG support, he/she can meet the Senior ECG Counsellor by walking in to the library (Thursday) or make an appointment at:

<https://go.gov.sg/ecg-msmel>



School's ECG Support

- RIASEC (MySkillsfuture Portal)

- AEMs/ EMs
- Learning Journeys
- Pathways Awareness

Post-Sec

Life-long Learning

Sec 4/5

Sec 3

Sec 2

Sec 1

- Industry Visits
- Career Talks

- Institutes of Higher Learning exploration
- Explore pathways Target setting
- Workshops
- Career Day
- ECG Preparation (Portfolio Preparation, Interview Skills, Personal Statement Writing)

Explore

Inspire

Aspire



To nurture BBSSians to be self-directed learners with abundance mentality

Secondary 2 Streaming Exercise

- Students are encouraged **to do their best** in each of the Secondary 2 subject in order to secure a place in the subjects of their choice.
- Offering of subjects are **based on students' choice, merit** (Sec 2 overall results) and availability of **teachers**.
- **No appeal** will be entertained after the release of streaming results.

DAY SHIFT & NIGHT SHIFT

Your involvement



Communication is Key





Updating Each Other

- Parent Gateway-Termly Letter, Consent forms, CCA activities.
- Parent-Teacher Meetings
- Principal's Talks, Termly letters





Call for Help (note referral system)

- School Telephone and extension to form teachers (keep to office hours)
- School email
- Teacher's email

Night Shift – Your Involvement

<p>S</p>  <p><u>Support</u></p>	<p>A</p>  <p><u>Affirm</u></p>	<p>F</p>  <p><u>Familiarise</u></p>	<p>E</p>  <p><u>Empathise</u></p>
<ul style="list-style-type: none"> • Find out how your child's preferences are changing – ask <u>open ended</u> questions • Make a habit – <u>CHAT</u> at a fixed time each day 	<ul style="list-style-type: none"> • Remember your child's <i>strengths</i> – build self esteem • Praise and affirm efforts in front of relatives and friends 	<ul style="list-style-type: none"> • Understand secondary school life • Excite him/her about new experiences • Encourage him/her to pick up a new hobby/sports • <u>Limit time on digital devices</u> 	<ul style="list-style-type: none"> • Acknowledge your child's emotions. • Encourage your child to share thoughts and feelings. • Have sufficient sleep

Night Shift – Your Involvement

S  <u>Support</u>	A  <u>Affirm</u>	F  <u>Familiarise</u>	E  <u>Empathise</u>
--	---	--	--

1. Show Concern And Support For Your Child

Have Conversations: What are your favourite subjects and school activities? Why?

If you can do any job in the world, what would it be?

2. Observe your child's strengths& interests through activities

Do you know your child's top 3 strengths? The more you know about what your child values, what he is good at, the more you can help him make informed choices in his aspirations.

3. Listen and find out the courses your child is interested in

You may want to guide your child in the decision-making process.

4. Introduce a variety of occupations to your child

Start by talking about your own industry/career, and bring child to your workplace.

Explain how different occupations contribute towards the society.

5. Support your child's aspirations

6. Instill in your child importance of transferable skills





Communication Skills, Time Management, Teamwork and Problem-solving Skills

7. Model Lifelong Learning





AfL Strategies at Home – ask open ended questions

AfL Strategy	Questions
Student-friendly Learning Target	<ul style="list-style-type: none"> • What did you learn? • How will you know your learning was successful?
Effective Questioning	<ul style="list-style-type: none"> • What is one thing today that made you light up? Sit up in awe and wonderment? • Where/when/how else can you apply what was learnt? What else do you need to learn?
<u>Effective Feedback</u>	<ul style="list-style-type: none"> • I notice you started implementing your plan, what else would you start doing? • Your effort put into learning paid off! (instead of praising obedience, intelligence/clever. E.g. of effort: paying attention in class, keeping up with homework)
Peer and Self Assessment	<ul style="list-style-type: none"> • Can you run me through the communication rubrics? • How do you know whether you have met your targets?
Formative Use of Summative Assessment	<ul style="list-style-type: none"> • How did the assessment indicate the topics which you are strong and weak at? What are your next steps? • If you were to do the assessment again, how would you do it better or differently?

Night Shift – Your Involvement

<p>S</p>  <p>Support</p>	<p>A</p>  <p>Affirm</p>	<p>F</p>  <p><u>Familiarise</u></p>	<p>E</p>  <p>Empathise</p>
<p>Limit time on digital devices</p>			
<p>What is Internet Addiction? It's a term applied to those who spend excessive amount of time online at the expense of and to the detriment of other aspects of their lives.</p> <p>Examples of such obsessive behaviours includes:</p> <ul style="list-style-type: none"> • Spending too much time on chat rooms which replaces real-life relationship • Obsessive playing of computer games 		<p>Symptoms of Computer Addiction:</p> <ul style="list-style-type: none"> • Not keeping up with schoolwork • Lying about computer game use • Choosing to use the computer to play games rather than meeting friends in real life • Dropping out of other social group (clubs or sports) • Irritability when not playing games on the computer 	

Night Shift – Your Involvement

S  <u>Support</u>	A  <u>Affirm</u>	F  <u>Familiarise</u>	E  <u>Empathise</u>
Limit time on digital devices			

Tips for Parents & Students

Provide opportunities for a variety of offline activities

Activate parental control in all computing devices

Role model good digital habits

Establish the ground rules for internet use

Navigate the internet with your child to understand his pattern of use

Talk to your child about his internet use and its impact