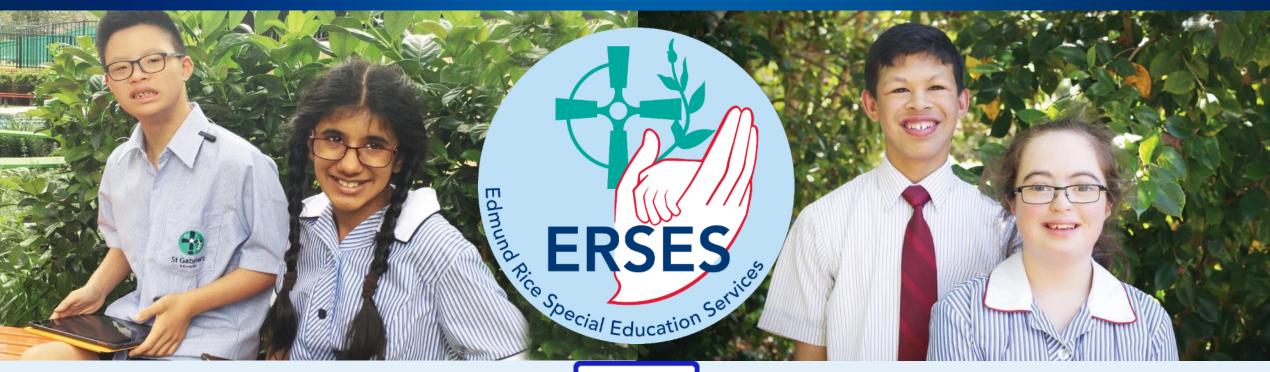
Liberating Education: Visible Differentiation in a Special Education Classroom















Who are we?

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Who are you?

• Go to <u>www.menti.com</u> on your device



http://www.mentimeter.com/login







Who are we?



https://youtu.be/MP5LgC5CF0c







Learning Intentions for today

- Understand the Liberate model and how it looks a special education classroom
- Identify the steps used to design individualised learning programs for special education students
- Apply steps to design an individualised online learning program that can be accessed independently by special education and other at-risk students using an LMS





What is Liberate?

Liberate is <u>quality teaching</u> using differentiated and blended learning in an inclusive and supportive environment.







Liberate Philosophy

- Quality Teaching is a pedagogy clearly focused on learning goals. It is research-based with a focus on best practice and high and explicit expectations of both staff and students.
- Differentiation aims to achieve student growth and success, based on data and individual goals.
 Instruction is tailored to meet individual needs, where content, processes, access to the curriculum and the learning environment are adjusted.
- Blended Learning is a combination of direct and small group instruction and online learning. It is supported by a Learning Management System (LMS) that allows students to work at their own pace and for task individualisation.
- An Inclusive Environment is an accepting and welcoming educational community where unique gifts are celebrated. All students are working towards fulfilling their potential and achieving independence for life.
- A Supportive Environment places strong interpersonal relationships and wellbeing at the heart of learning. Students are accepted for who they are, viewed holistically and are not defined by disability





Liberate in Action

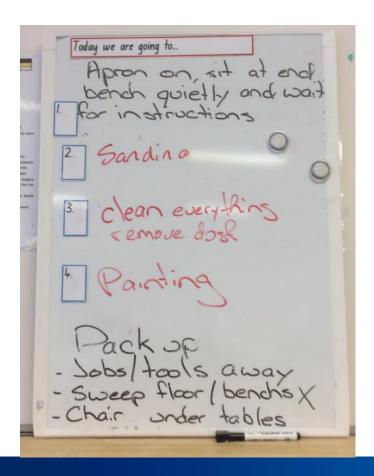
- 1. Learning Intentions clearly displayed and explicitly talked about
- 2. T&L Programs are mapped against Blooms to ensure students are experiencing all thinking levels
- 3. Differentiation explicit in T&L programs and lessons
- 4. 1:1 iPads & LMS allow for individual learning
- 5. PD/PL on contemporary practice

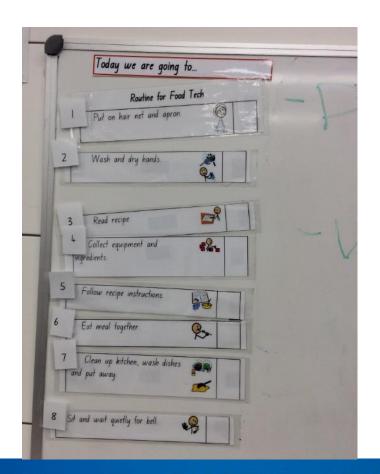






Learning Intentions







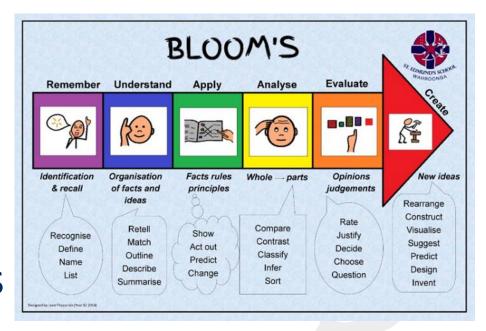




Blooms Revised Taxonomy

Option 1

- Assign Blooms level to outcomes
- Design activities to meet outcomes
- Differentiate activities 3 groups
- Add lesson activities in Blooms order to LMS and use a mix of direct instruction and individual pace









Outcome and Content

MALS-6NA Reads and represents numbers

Students:

- read and record the numbers 0 to 9
- read and record two-digit numbers
- read and record three-digit numbers
- recognise odd and even numbers

MALS-4NA Recognises language used to represent number

Students:

 recognise language related to number, eg none, few, many,

Teaching and Learning

Blooms 1 - Remembering

Students.

- Photograph 6 numbers around the school
- Recognise the pattern in counting to 100 whilst viewing KhanAcademy video
- Complete counting activities to 10, 20 or 100
- Play a 'Connect the Dots' activity
- Recognise missing numbers on a 100s chart
- Video themselves counting backwards from 10 or 20
- Participate in skip counting games on the iPad by 1, 2 5 or 10s

Example 1:

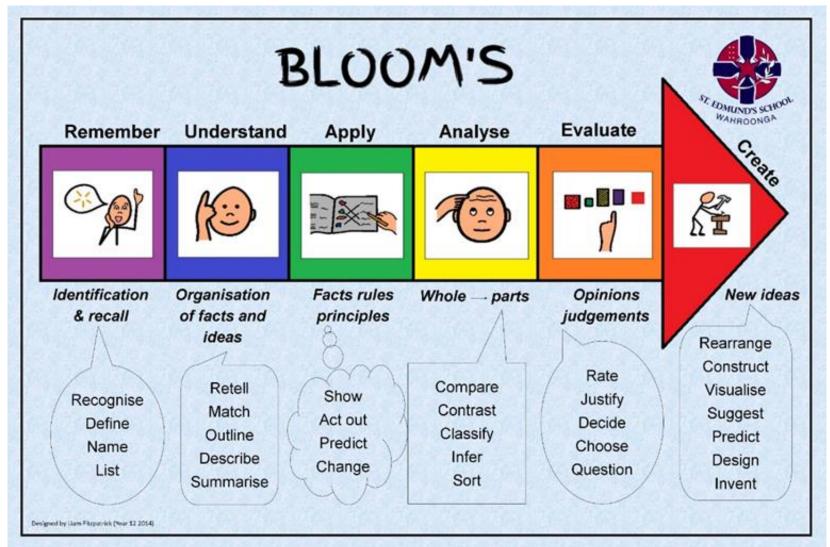
Maths program where activities are ordered according to Blooms levels. First students complete Remembering, then Understanding, Applying, Analysing, Evaluating, and Creating.





Option 2

- Differentiate activities -3 groups
- Assign Blooms level to activities
- Map Blooms levels to ensure a range of thinking levels are experienced by students







Content

Teaching, learning activities & Resources

(suggested activities, tick and date if used)

Assessment

(suggested strategies – tick if

REGISTER

(Outcome delivered? Assessed at this time?)

SCLS 18LW

Intro: Structure and Function

Living things have structures that carry out specialised functions.

- identify factors that are important in maintaining a healthy body, eg exercise and diet in
- identify some major organs of the body, eg the organs of the skeletal/muscular, circulatory, digestive, respiratory, excretory systems

Activity: Use the internet to find pictures of the following items: heart, blood, lungs, intestines, veins, stomach, liver. Paste them onto Word doc, then and save and print the picture: [R]

WkSh: Title page: Blood and Guts: Catand paste organ pictures from printout onto title page [R]

<u>Discussion</u> What lings keep us healthy? <u>Make us unhealthy?</u> [U] [R]

Activity: Classifying activity - Healthy/Unealthy/on't effect health (Use cards in small groups [U] [APP]

Wk\$h How do we keep our bodies healthy? (cut & paste [U] [APP]

<u>Jigsaw Puz zle Activity</u>: Parts of our bodies (external) – small groups [R] [APF

<u>Torso Model: Demo</u>: : Parts of our bodies (internal) - small groups – Indicate Proof Digestive and breathing organs studied in this urit [R]

Example 2:

Science program where activities are ordered according outcomes/context and then labelled according to Blooms levels (R = remember, U = understanding etc.)

SCLS-9WS - Communicating

- Uses a variety of strategies to communicate information about an investigation including verbal discussion
- Presents data from investigations in a variety of ways including written words, tables, diagrams and digital technologies(iPads, Computers etc)



Creating (C)



Topic 6: Blood and Guts: Delivery Mapping by Blooms and Science Outcomes

Note: The ticks below indicate all possible suggested learning activities in this topic (i.e. Teachers choose the most appropriating sure the higher order activities - Analyzing, evaluating and creating are included at least once in the topic and that

Science Life skills outcomes	SCLS-5WS participates in planning to investigate questions or problems	SCLS-6WS participates in an investigation	SCLS-7WS collects, records and interprets data and information	SCLS-9WS uses a variety of strategies to communicate information about an	SCLS-17LW recognises features of living and non-living things	SCLS-18LW identifies structures of living things and their functions
Blooms Taxonomy	problems			investigation		
Remembering (R)	/ //		(*	///	///
Understanding (U)	/ //	**	///		///	***
Applying (App)	**	**	***		***	
Analysing (Analy)		111	***	///	///	
Evaluating (Eval)		~	~			
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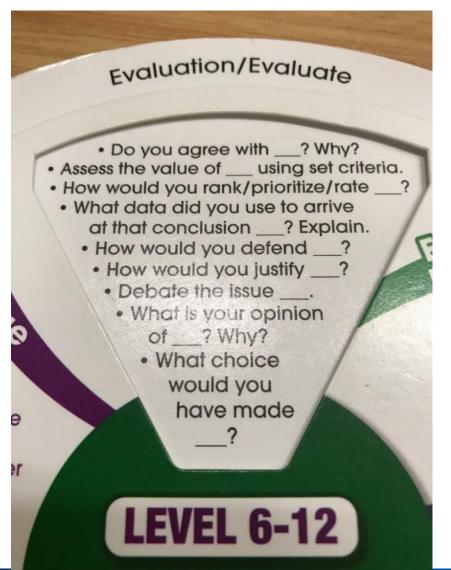
Example 2:

Programs may also include levels of Blooms in outcome maps – ensuring teachers planning are made conscious of levels of activities.











For more resources visit www.mentoringminds.com







Differentiation @ Eddies

- Task is differentiated for student
- Task is broken down into steps
- Student is allowed to complete task in his own time







		•		
Outcome and Content	Teaching and Learning Strategies Blue group: meeting Red group: exceeding	Resources	Assessment Blue group: meeting Red group: exceeding	Register
S.1 identifies key transitional stages in life • identify stages of life span - infancy - childhood - adolescence - adulthood - the aged • demonstrate an understanding of the sequence of stages of life span	Blooms 1: Remember Haiku a) Students watch Adobe Voice (made by teacher) to learn about needs at each stage of the lifespan. Then students complete lifespan ages and stages worksheet and red include needs at each stage. b) Blue group - Using the magazines provided cut out pictures of people from any stage of the lifespan eg. picture of a baby. Then sequence the picture on the classroom wall under the correct lifespan heading eg. picture of baby is 1. Infancy. Red Group - Given a stage of the lifespan eg. childhood. Using the links on Haiku and notes from your teacher, find out what needs and wants relate to that particular stage. Write them down and place on the classroom wall under the correct stage.	Adobe Voice Lifespan stages presentation https://voice.adobe. com/a/yXXPM/ p 99 Nelson notes photocopied for Red Group Infancy http://www.youtube. com/watch?v=5 Ao 3hTS6I Childhood http://www.youtube. com/watch?v=w5D W Adolescence https://www.youtub	Transition to Adulthood Task 2: Sequencing Stages of the Lifespan Sequencing task for stages worksheet red and blue complete lifespan ages and stages worksheet and red include needs at each stage.	





Outcomes

MALS-3WM Uses reasoning to recognize mathematical relationships

MALS-8NA Compares fractions in everyday contexts

Students:

 compare fractions, eg half of the pizza is more than a quarter of the pizza

MALS-9NA represents and operates with fractions, decimals or percentages everyday contexts

 recognise the fraction equivalent for commonly used percentages, eg

$$50\% = \frac{1}{2}$$
, $25\% = \frac{1}{4}$, $10\% = \frac{1}{10}$

 interpret the use of percentages in everyday contexts

MALS-10NA selects strategies for addition

Blooms 4 - Analysing

Students:

- Compare the number of ingredients in two similar recipes from Taste.com
- Examine the seating plan for the Capitol Theatre and discuss the reason for the number patterns
- Identify the importance of knowing personal numbers; Phone, house, age, date of birth.
- Practise writing down these numbers and identify problems that could arise in different contexts if they are not known
- Compare fractions ½ and 1/3 by using the pizza pieces and photographing the answer
- Open the link to the current Coles brochure and screen shot examples of ½ price savings
- Compare the old and new price and so decide which fraction is larger

www.taste.com.au

Capitol Theatre seating plan

iPad

Ρ

Worksheets on problem solving

Coles brochures

Tasks increase in difficulty

Rubric on Analysing

Knowledge of important numbers on Pages

Worksheets on problem solving





Class Analysis document available for all students. Document is revised twice a year and available for all staff to use. Is the basis for differentiation in the classroom.

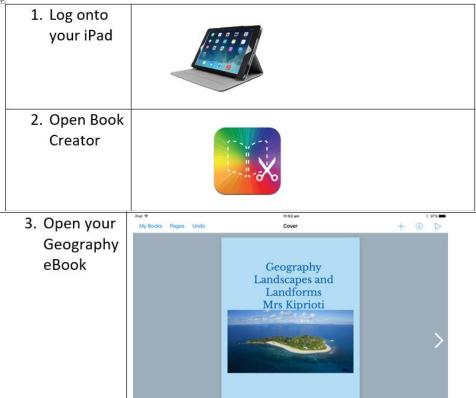
DISABILITY DESCRITION	LANGUAGE	READING	WRITING	ADJUSTMENTS	INTERESTS	BEHAVIOUR/ SOCIAL SKILLS	DATA
Autism; Cognition-Mod.	Communicates verbally, difficulty with expressive and receptive language, some echolalia	Emergent	Can write one sentence.	carries mai drawing books, for calming		poor social skills, prefers to be alone to draw. Anxiety and routine based. Loves to draw this is de sensitizing tool. Obsessions with some things. Really clear strict boundaries work well. Use of youtube in the afternoon as a reward. The must use manners.	21/03/2017 YARC: SWRT 6.11 yrs, Accuracy: 7.03yrs, Reading Rate: 7.03yrs,
Cognition-Mod. Down syndrome	Communicates verbally, is able to follow simple instructions and express needs/wants, some difficulty with articulation so uses Proloquo2go or Proloquo4text on iPad to repair	Functional	Can copy words and write first and second name.	iPad used when there is a communication breakdown, wears glasses for class work	iPad, singing, dancing, soccer	excellent social skills, many friends. Writes lists of students. Sit away from Watch Students especially at TAFE. Very strict hands-off rule for whole class - especially	Nelson Level 2, 44%Reading age: YARC Reading Test: Letter sound knowledge (core): <5:01, Early word recognition: 6:04, Sound isolation: 5:11, Sound deletion: 5:03 Test date: 21/03/2017
Cognition-Mod.Rubenstein- Taybi syndrome	Communicates verbally, is able to follow simple instructions and express needs/wants	functional	can write IIII first and second name, can copy a few words.	Have a schedule for literating with staff lite obsesses over so that literation it.	All sports, Manly RL team, Singing anthems to teams or the national	Poor social skills , prefers company of adults, obsesses with Adults. Strict boundaries work well. Remind to go to the toilet before trips and often - has wipes to help clean himself -	YARC Reading Test: Letter sound

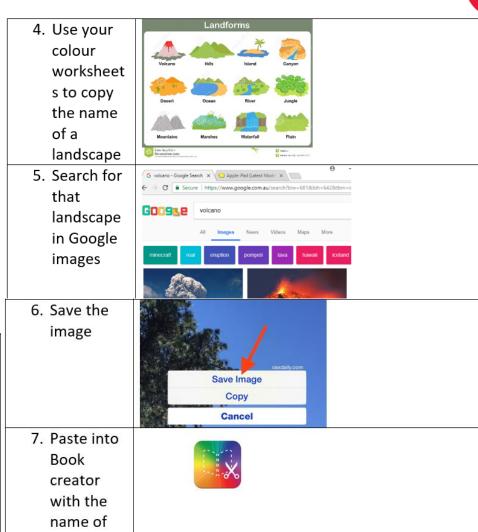


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Year 7 Geography Book Creator Task

Landforms





Scaffolds are used to break tasks into simple steps and help promote independence in class.

the

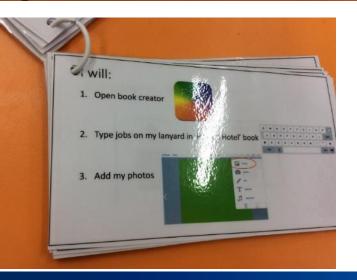
landscape













Breaking down steps to promote independence with tasks.







1. Scaffold with puzzle.

2. Scaffold cut and paste.



3. No scaffold. Verbal instructions to colour QLD blue.













Differentiation @ Gabes

- Tasks are differentiated for student
- Tasks are broken down into steps
- Students are allowed to complete task in their own time
- Programs are developed using UDL principles



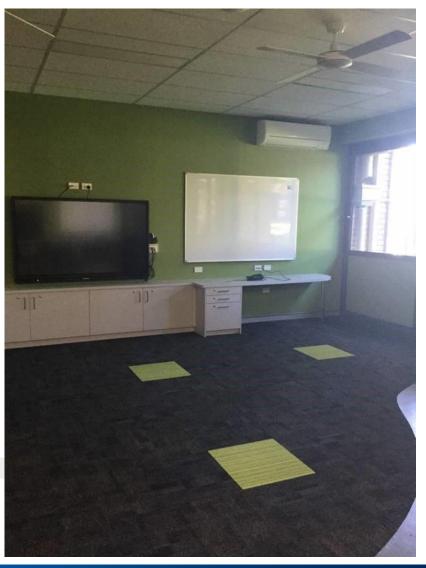






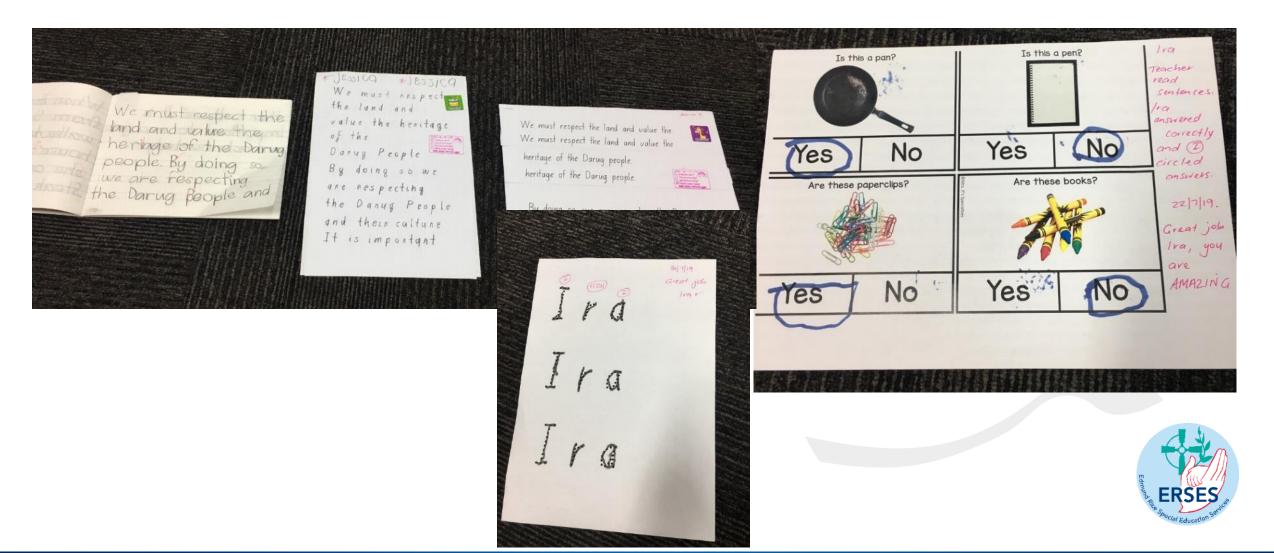
New classroom design to promote group work









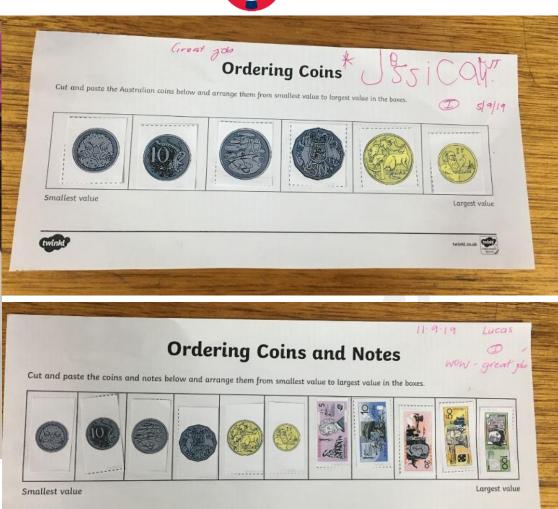
















1:1 iPads @ Eddies







1:1 iPads @ Gabes



ClassDojo













1:1 iPads Apps

Book Creator Padlet PicCollage Toca Boca games Kahoot QR codes **Dragon Dictate** Accessibility features of iPads















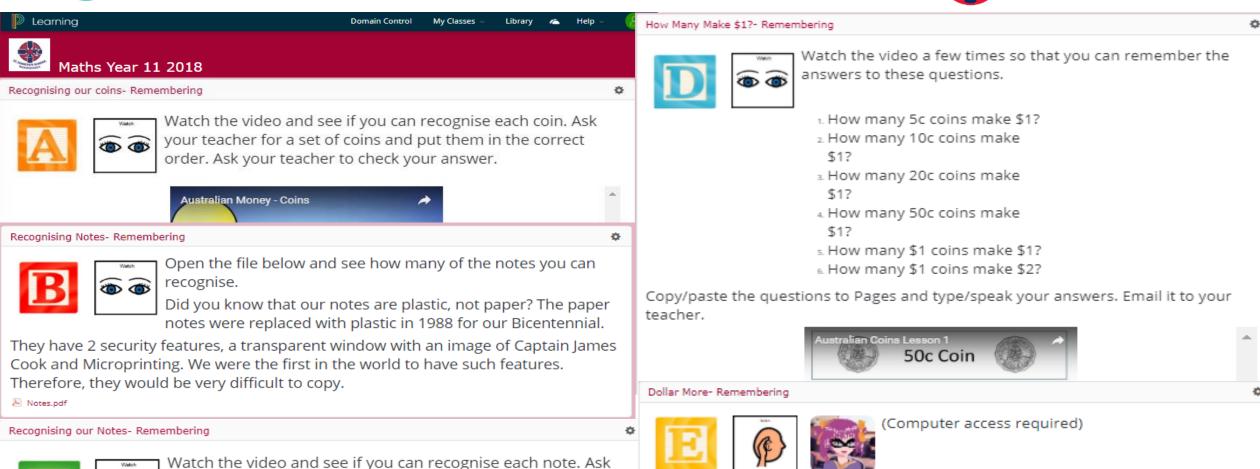


your answer.

Australian Money - Notes

Blooms in LMS: Remember St Edmund's College EXCELLENCE IN SPECIAL EDUCATION





Listen to Dolly Moore explaining the Dollar More Program by opening the link below. Ask your teacher to show you examples on the whiteboard if you cannot remember the Dollar More program.

www.voki.com/pickup.php?scid=10350808&height=267&width=200

your teacher for the notes and put them in order from the smallest value to the largest value. Ask your teacher to check



2. Understanding



Urban, Suburban and Rural

Community A community is 9 pi9ce where people live, work,

We have learnt about Urban and Rural, but what does Suburban mean? Watch the clip and discuss the differences in each community. Work in three groups to complete the worksheets on what you see in urban, suburban and rural communities.

Urban suburban rural.docx

Which Community is it?

Play the "Which Community is it?" game. Your teacher will give you colour pictures of different communities and you will need to identify if the picture is rural, urban or suburban. Blue group work in teams. Red group work individually. Record your answers on the answer sheet.











teacher has given you, sort them under the correct heading Rural, Urban or Suburban and place on the classroom wall. Complete the K-W-L worksheet to explore what you already KNOW, what you WANT to learn about these communities.

From the Sky

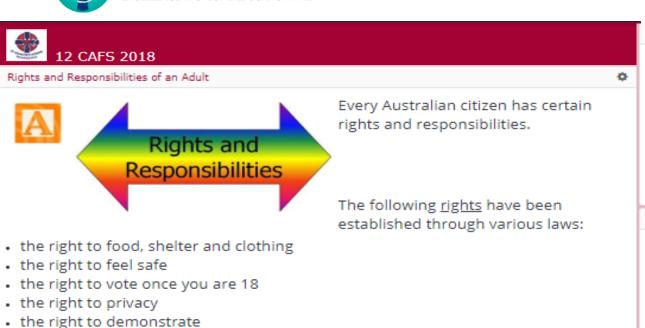
Pretend you are flying in an airplane over Australia. This is what you can see from your window. Can you draw a circle around the urban, suburban and rural areas? How can you tell the difference? Investigate the location of urban areas throughout Australia, record on your worksheet. Create these areas with lego.





Blooms in LMS: Apply





With rights come <u>responsibilities</u>. These include:

voting when you reach 18

race, religion, or sex

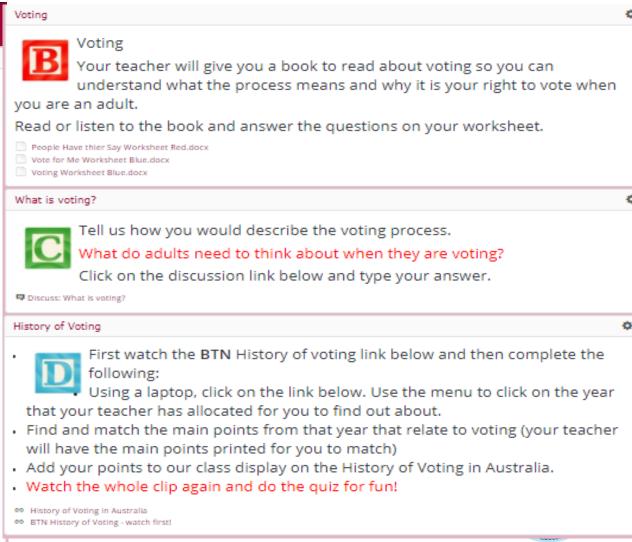
· the right to choose a religion

· freedom from unreasonable arrest

- obeying the laws
- observing other people's rights
- · sharing and caring for each other

In your small groups, discuss the above rights and responsibilities to understand them better. Report back to the class on WHO protects our rights and HOW our rights are protected at school.

the right to be treated equally and not be discriminated against on the basis of





Blooms in LMS: Analyse





10 PDH Term 2 Community and Sport

Physical Activities in my Community







What physical activities do you and your friends already enjoy? Complete the **survey** on Page 3 of your workbook.

Once you have surveyed everyone in your class, including your teachers, categorise the physical activities you have listed under three headings: those you do already, those you don't want to do; and those you would like to try (Page 4 of your workbook).

My Physical Activity Survey.docx

Physical Activity Results Analysis.docx

My Preferred Physical Activity





Choose a physical activity you have never tried before but would like to. It can be one from your list that someone else in your class is doing, or it could be something else you have always wanted to try.

Investigate where you can enjoy this physical activity and list up to 6 different places in Sydney where you can do it.

Record these on Page 5 in your workbook "Places I Can Enjoy My Activity"

Places I Can Enjoy My Activity BLUE.docx

Places I Can Enjoy My Activity RED.docx



Blooms in LMS: Evaluate

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Year 9 & 10 Science

Effective changes



Pad.png



1) In your <u>pages</u> document write the heading "Some lifestyle changes that would use less energy".

2) <u>Write</u> down at least <u>4 lifestyle changes</u> that would reduce out energy use.

Effective change







1) In your <u>pages</u> document, write the heading "Which of the lifestyle changes that you listed in 'A' do you

think would be the most effective and why?"

2) Now <u>write</u> your <u>answer</u> to the question above

Survey





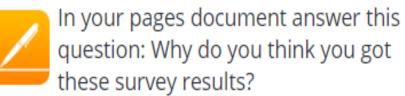
Use the 'Survey Monkey' website (or use paper) to design your own survey asking people which change to lifestyle listed in 'A' they think would

be the most effective.

Survey results











Blooms in LMS: Create





English Year 8 2018

Creating - Designing your own sign or video





Create your own poster or video

• Poster: Use your iPad or pen/ paper to create a Road or Internet or Personal Safety poster with a message.



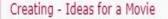
- Video: Use your iPad to create a Safety video with a message.
- Email it to your teacher when you are finished.

Check the rubric to see what is expected. You will be given marks for your creation based on the rubric.

Click here to watch a YouTube video for some ideas, or to get inspired.



The or look at the Safety Poster Ideas file below.







RELATIONSHIPS
 COMMUNITY



Eddies & Gabes
Fresh Food tills —
sponsored by
Woolworths &
Fujitsu.













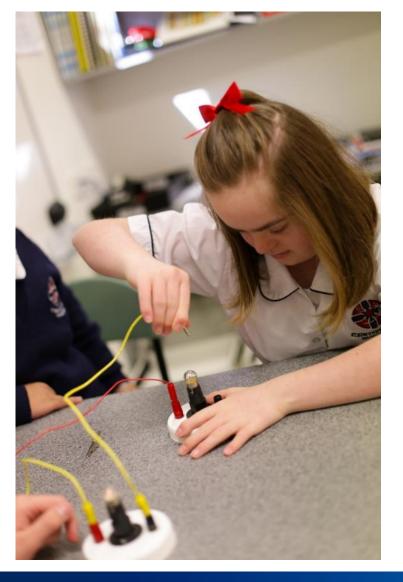
Explicit teaching of Life Skills across KLAs to promote independence.











Skills based learning in KLAs ensures students are not being limited by teachers expectations.









Role play and inquiry based learning used to help students access harder concepts and content.



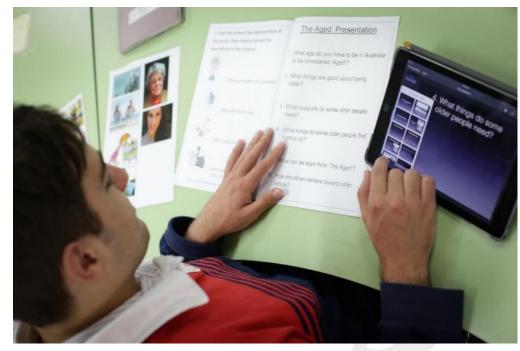








Technology used to support students achieving outcomes.









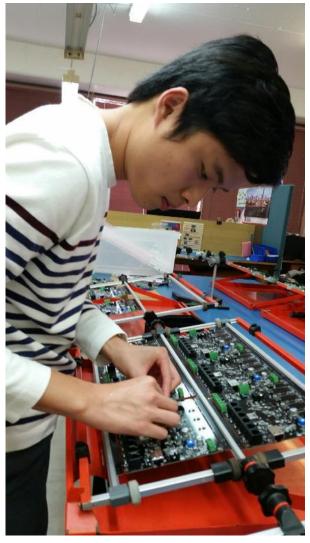




VET courses allow senior students to gain Statement of Attainment for entry to jobs or further education.







Work experience ½ day per week during Year 12 allows students to try out a workplace, practise social and travel skills.







St Gabriel's School Authentic Learning @ Gabes St Edmund's College EXCELLENCE IN SPECIAL EDUCATION K-12 St Gabriel's School Authentic Learning @ Gabes EXCELLENCE IN SPECIAL EDUCATION K-12 St Edmund's College EXCELLENCE IN SPECIAL EDUCATION K-12 St Gabriel's School Authentic Learning @ Gabes





Functional numeracy, History & Geography







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Questions?

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