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EduTech 2018: Learner Centric Data Management

Michael Wilkinson
Civica / Frog Education



Gonski Report: Through Growth to Achievement

What the report calls for

- In July 2017, the Australian Government established a Report of the Review to Achieve Educational Excellence in Australian Schools to provide advice on how to improve student achievement and school performance.
- 3 Key Priorities:
 - **Priority one:** Deliver at least one year's growth in learning for every student every year
 - **Priority two:** Equip every child to be a creative, connected and engaged learner in a rapidly changing world
 - **Priority three:** Cultivate an adaptive, innovative and continuously improving education system
- Shift from industrial model to a model of personalised learning
- Federal Government has agreed to implement **all** of report's recommendations



Gonski Report: Through Growth to Achievement

PRIORITY 1: Deliver at least one year's growth in learning for every student every year

"It really is essential that teachers know and are able to chart where their students are up to in terms of what they're learning, how they're progressing and that parents are fully engaged as part of that process as well."

Senator the Hon Simon Birmingham, Minister for Education and Training

"I believe most teachers would agree with us, but the opportunity to do it, for example; how do you fit that in to your day, and so on?"

Mr David Gonski AC

...teachers must be given practical support by creating an **online, formative assessment tool** to help diagnose a student's current level of knowledge, skill and understanding, to identify the next steps in learning to achieve the next stage in growth, and to **track student progress over time...**





Teacher Toolkit ▾

- Dashboard
- Groups
- Timetable
- Tasks
- Students
- Benchmarks
- Purchasing

Mathematics 8

08MAT01 📍 👤 Danna Shore

Attendance







Add Note

Learning Space

More Actions

Student List

Attendance

	Paul Evans	Y08 08.1 Mackellar
	Brett Jarvis	Y08 08.1 Wright
	Nicolette Jezewski	Y08 08.1 Wright
	Daniel Johnston	Y08 08.1 Wright
	1Joshua Jones	Y08 08.1 Mackellar
	Lee Jovanovic	Y08 08.1 Mackellar



Our Amazing Work!

Showing all posts:

Frogadmin sent this file to Maths Department
3 months ago

Factors:
The numbers you use to multiply to get another number.
 $3 \times 2 = 6$
The numbers you skip count by when finding the product.
The numbers you land on when you skip count: 3, 6, 9, 12, 15, 18, 21, etc.

Multiples:
The numbers you land on when you skip count: 3, 6, 9, 12, 15, 18, 21, etc.

Check out this amazing work!

You and 1 other like this

1 comment



Michael Abemethy

This is brilliant. I am doing to take a copy for my own revision notes

0 likes

Show to others | 3 months ago

Frogadmin sent this file to Maths Department
3 months ago

Fractions
Decompose Fractions

① $\frac{3}{8} \rightarrow \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{3}{8}$

② $2\frac{1}{4} \rightarrow \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 2\frac{1}{4}$
 $1 + 1 + \frac{1}{4} = 2\frac{1}{4}$

③ $\frac{5}{4} \rightarrow \frac{4}{4} + \frac{1}{4} = \frac{5}{4}$
 $1 + \frac{1}{4} = 1\frac{1}{4}$

Change improper to Mixed Number

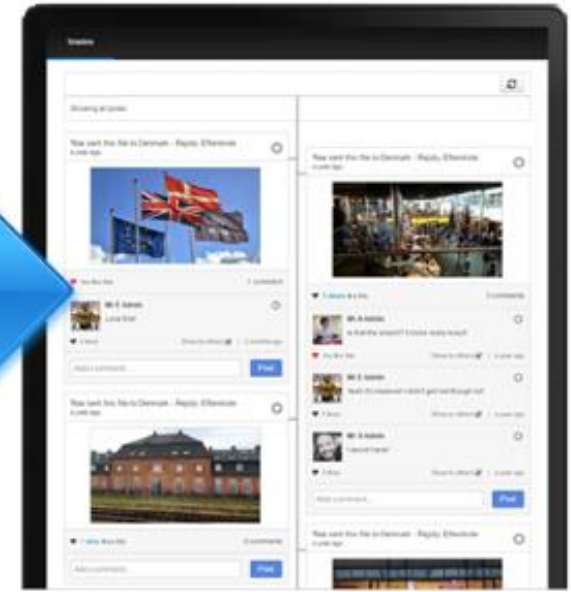
You and 2 others like this

1 comment



Miss D Shore

This is great work! I'm going to use this as one of my exemplar examples when I am teaching my class.





Progression Charts

08MAT01, Mathematics

< 2018 >

< Term 2 >

Mark All As Live

Student Filters

View ▾

		<div style="display: flex; justify-content: space-between; align-items: center;"> Year 7 Year 8 Year 9 </div>															
		08MAT01	Paul Evans	Brett Jarvis	Nicolette Jezewski	Daniel Johnston	Joshua Jones	Lee Jovanovic	Benjamin Kaestner II	Clint Lavalette	Rebecca Qiu	Andrew Shooter	Keane Sloan	Samantha Smith	Peter Spyra	Zoe Sullivan	Mark Tempest
All Subject Areas																	
Define congruence of plane shapes using transformations (ACMMG200)	KPI >																
Develop the conditions for congruence of triangles (ACMMG201)	KPI >				1				1				1				
Establish properties of quadrilaterals using congruent triangles and angle properties...	KPI >	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Choose appropriate units of measurement for area and volume and convert from one...	KPI >								1								
Find perimeters and areas of parallelograms, trapeziums, rhombuses...	KPI >																
Investigate the relationship between features of circles such...	KPI >																
Develop formulas for volumes of	KPI >																



Progression Charts

08MAT01, Mathematics

2018 Term 2

Year 7	Year 8	Year 9	08MAT01	Paul Evans	Brett Jarvis	Nicolette Jezewski	Daniel Johnston	Joshua Jones	Lee Jovanovic	Benjamin Kaestner II	Clint Lavalette	Rebecca Qiu	Andrew Shooter	Keane Sloan	Samantha Smith	Peter Spyra	Zoe Sullivan	Mark Tempest	
All Subject Areas			⚠																⚠
Define congruence of plane shapes using transformations (ACMMG200)	KPI	>																	
Develop the conditions for congruence of triangles (ACMMG201)	KPI	>				1				1					1				
Establish properties of quadrilaterals using congruent triangles and angle properties...	KPI	>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Choose appropriate units of measurement for area and volume and convert from one...	KPI	>								1									
Find perimeters and areas of parallelograms, trapeziums, rhombuses...	KPI	>																	
Investigate the relationship between features of circles such...	KPI	>																	
Develop formulas for volumes of	KPI	>																	

What does good look like?

Submitted By: Frogadmin, 27/02/18
Approved By: Frogadmin, 27/02/18

Solve the following using a two-column proof.

1. Given: $\angle X = \angle Z$ and $\angle Y = \angle W$
Prove: $XZ = WY$

2. Given: $\overline{JK} \parallel \overline{IL}$ and $\overline{KI} \parallel \overline{JL}$
Prove: L is the midpoint of \overline{JK} and \overline{IL}

Download file

Judgement Made

Submitted By Miss D Shore

Preview file Download file

This is good, but as we discussed in class, I need to see you define what sort of congruence these diagrams represent as well as the formula.

Cancel Save

Progression Charts

08MAT01, Mathematics

< 2018 > < Term 2 >

Mark All As Live Student Filters View ▾

Year 7
Year 8
 Year 9

Statistics and Probability - Chance ▾

Probability of Joint Events: Assign probabilities to the outcomes of events... KPI >

Identify complementary events and use the sum of probabilities to solve problems... KPI >

Describe events using language of 'at least', exclusive 'or' (A or B but not both)... KPI >

Represent events in two-way tables and Venn diagrams and solve related... KPI >

+ Goal

	08MAT01	Paul Evans	Brett Jarvis	Nicolette Jezewski	Daniel Johnston	Joshua Jones	Lee Jovanovic	Benjamin Kaestner II	Clint Lavalette	Rebecca Qiu	Andrew Shooter	Keane Sloan	Samantha Smith	Peter Spyra	Zoe Sullivan	Mark Tempest
Statistics and Probability - Chance																
Probability of Joint Events: Assign probabilities to the outcomes of events...																
Identify complementary events and use the sum of probabilities to solve problems...	Green	Green	Red	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Green	Green
Describe events using language of 'at least', exclusive 'or' (A or B but not both)...	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Represent events in two-way tables and Venn diagrams and solve related...																

Progression Charts

08MAT01, Mathematics

< 2018 > < Term 2 >

Mark All As Live Student Filters View ▾

Year 7	Year 8	Year 9	08MAT01	Paul Evans	Brett Jarvis	Nicolette Jezewski	Daniel Johnston	Joshua Jones	Lee Jovanovic	Benjamin Kaestner II	Clint Lavalette	Rebecca Qiu	Andrew Shooter	Keane Sloan	Samantha Smith	Peter Spyra	Zoe Sullivan	Mark Tempest
Statistics and Probability - Chance			⚠️												⚠️			
Construct sample spaces for single-step experiments with equally likely	KPI	Y7													1			
Probability of Joint Events: Assign probabilities to the outcomes of events...	KPI	>																
Identify complementary events and use the sum of probabilities to solve problems...	KPI	>																
Describe events using language of 'at least', exclusive 'or' (A or B but not both)...	KPI	>																
Represent events in two-way tables and Venn diagrams and solve related...	KPI	>																

Comment/Observation ⚙️

Submitted By Miss D Shore

Peter missed this unit of teaching owing to long term illness

Add Comment

Cancel Save

08MAT01, Mathematics

Year 7				
Year 8				
Year 9				


Statistics and Probability - Chance				
Construct sample spaces for single-step experiments with equally likely	KPI	Y7		
Probability of Joint Events: Assign probabilities to the outcomes of events...	KPI	>		
Identify complementary events and use the sum of probabilities to solve problems...	KPI	>		
Describe events using language of 'at least', exclusive 'or' (A or B but not both)...	KPI	>		
Represent events in two-way tables and Venn diagrams and solve related...	KPI	>		

+ Goal


Learning Locker

Probability of Joint Events: Assign probabilities to the outcomes of events and determine probabilities for events (ACMSP168) KPI

Lesson Resource

 **The Last Banana** SITE

Practice Quiz


 **Joint Events** QUIZ

Test Quiz

Teacher Notes

Teacher Resources

Exemplar Standard Materials

 **ProbofJointEvents_1** PNG ✓

Learner Resources

Close

Peter Spyra

< 2018 > < Term 1 >

Mathematics ▾

Establish properties of quadrilaterals using congruent triangles and angle properties, and solve related numerical problems using reasoning (ACMMG202) KPI Learning Locker

Measurement and Geometry - Using units of measurement ▾

Choose appropriate units of measurement for area and volume and convert from one unit to another (ACMMG195) KPI Learning Locker

2018
Term 1
27/04/2018
PNG

Snap Photo from Peter's Workbook

Submitted By Miss D Shore

Preview file Download file

$1 \text{ m}^2 = 10000 \text{ cm}^2$
 $1 \text{ m}^3 = \text{cm}^3$

Find pe KPI Learning Locker

Develop formulas for volumes of rectangular and triangular prisms and prisms in general. Use formulas to solve problems involving volume(ACMMG198) KPI Learning Locker

Statistics and Probability - Chance ▾

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Let's talk, Stand 626

