











Acknowledgement of country



Outline

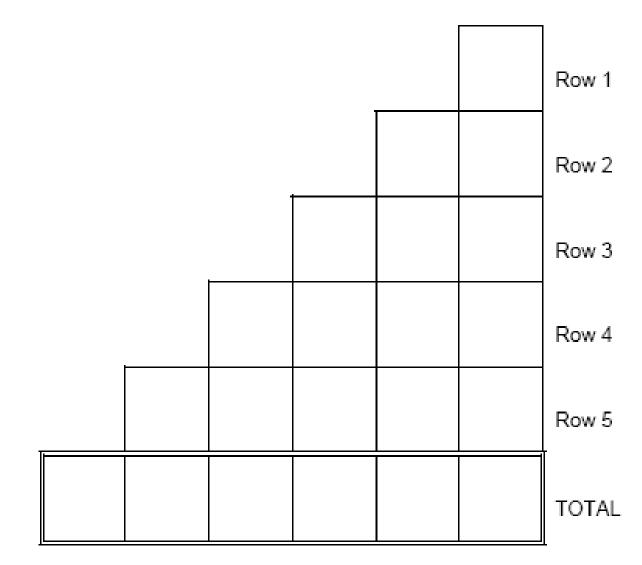
A few activities (as many as I can fit in):

- hands-on, interactive
- > about maths skills and/or numeracy/maths in context
- whole group small group
- (plus language/literacy aspects share only)
- accessible
- > fun.

For starters: are you square?

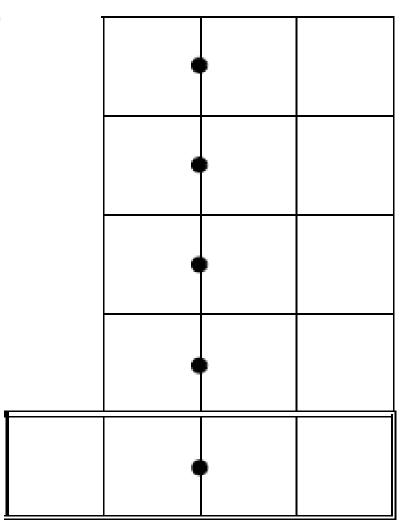
- Measurement arm spans
- Hands on and personal
- Start measurement with length:
 - Length uses all the common metric prefixes, other measures don't
 - Visual easier to learn and to estimate
- Use guess/estimate/measure approach
- ➤ Use benchmarks, e.g. Handspan ≈ 20 cm, 1 litre liquid ≈ 1 kg

Fun and games – place value



Fun and games

DG6. Decimal digits



Language/literacy/numeracy teaching activity

Each letter of the alphabet is given a dollar value:

Α	В	С	D	E	F	G
\$1	\$2	\$3	\$4	\$5	\$6	\$7
н	I	J	К	L	М	N
\$8	\$9	\$10	\$11	\$12	\$13	\$14
0	Р	Q	R	s	Т	U
\$15	\$16	\$17	\$18	\$19	\$20	\$21
V	W	х	Y	z		
\$22	\$23	\$24	\$25	\$26		

- How much is your first name worth?
- Who has the most valuable surname? Who's the cheapest!?
- What's the most expensive/least expensive 2 and 3 letter word you can think of?
- Can you find a word worth exactly \$100?

Calculator activity: Target 100

CG4. Target 100 — Game 1

Game 1

Name:

1	rting Iber	x guess	answer
Nur	nber o		

Game 2

Name:

Starting number	x guess	answer
Number o		

Change targets: 100.0 or 500 or ...

Sample game

Starting number	x guess	answer
17	7	119
	6	102
	5.7	96.9
	5.8	98.6
	5.9	100.3
Number o	5	

Calculator activity: Target 100 (2)

CG5. Target 100 — Game 2

Sample game

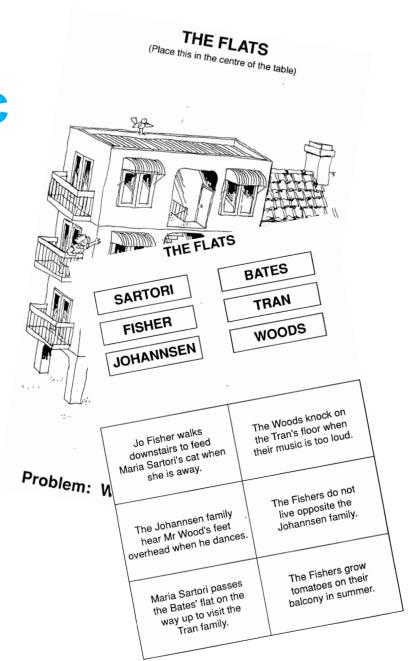
Game 1

Player 1 guess	Answer on calculator	Player 2 guess	Answer on calculator

Player 1 guess and keys pressed	Answer on calculator	Player 2 guess and keys pressed	Answer on calculator
17	17	X 7	119
X 0.9	107.1	X 0.8	85.68
X 1.1	94.248	× 1.1	103.6728
× 0.95	98.48916	× 1.05	103.413618
X 0.97	100.31120946		

Teaching activity – did you miss this session on language: Co-operative logic problems?

- > encourages maths talk
- encourages sharing of knowledge and understanding
- enables the teacher to observe the skills and knowledge of students
- supports problem solving skills and teamwork too
- > fun too!



Some (simple) teaching ideas



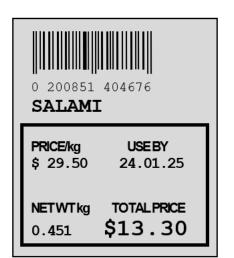
Work in your small groups. What questions could you ask using these cards?

- For different levels?
- For different content areas?

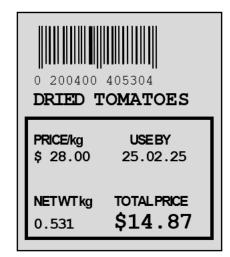
Replicate this approach – distil some ideas/data into short, summary information on cards (e.g. about cars/sport/movies/music/wages/etc.

I will send you a Word version with this on – then you can update and change etc.





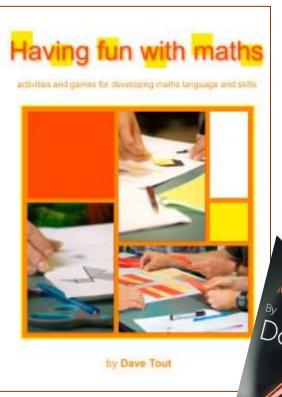






Copies of the activities and my list of numeracy resources can be sent to you. Email me!







Discussion and Q&A



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App Download Instructions

Step 1: Download the App 'Arinex One' from the App Store or Google Play



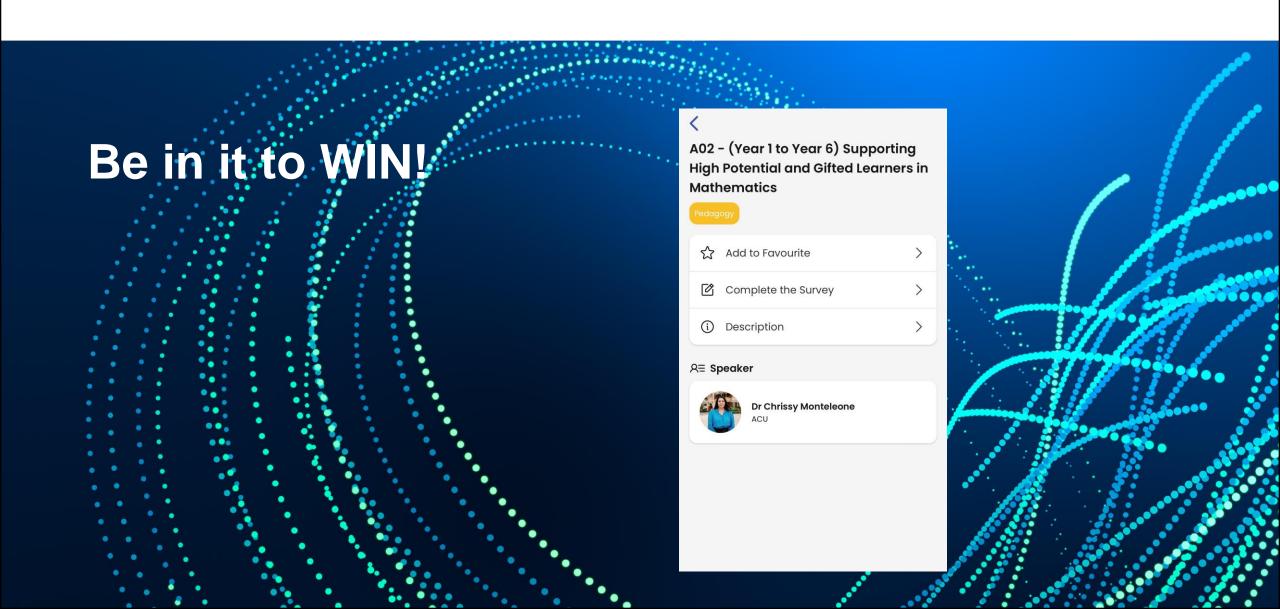


Google Play

- Step 2: Enter Event Code: mav
- Step 3: Enter the email you registered with
- Step 4: Enter the Passcode you receive via email and click 'Verify'. Please be sure to check your Junk Mail for the email, or see the Registration Desk if you require further assistance.







Slide title goes here

- Body text goes here.
- To add more slides, click the down arrow next to 'new slide' and select 'slide with title'

Slide with picture

Subheading

Body text goes here.

Slide with two columns of content