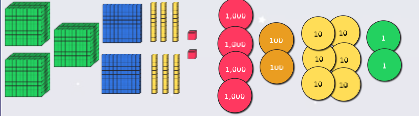## Slide 1

To be able to add together 5-digit and 4-digit numbers

MathShed

Starter:

What's the same? What's different?

CCLXII

five thousand, one hundred and sixty-two

Explain your answer.

Slide 2

To be able to add together 5-digit and 4-digit numbers

MathShed

Activity 1:

Use a place value chart and mathematical equipment to complete:

	TTH	TH	H	T	O	
		1	2	8	7	9
+			3	8	4	1

	TTH	TH	H	T	O	
			4	9	9	1	9
+				6	9	0	5

Slide 3

To be able to add together 5-digit and 4-digit numbers

MathShed

Activity 2:

Jamal, Yasmin and Chen have been playing Maths Shed. Jamal has 4,579 points, Yasmin has 5,437 points and Chen has 11,987 points.

a) How many points do Jamal and Yasmin have combined?

b) How many points do Jamal and Chen have combined?

c) How many point do Yasmin and Chen have combined?

d) How many points do Jamal, Yasmin and Chen have altogether?

Slide 4

To be able to add together 5-digit and 4-digit numbers

MathShed

Activity 3:

Figure out and fill in the missing digits within the calculations below.

	TH	H	T	O	
		2		7	9
+	3	8		5	
			7	6	

	TTH	TH	H	T	O	
			8	9		9
+		1	5		0	8
		6		8	1	

Slide 5

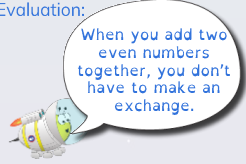To be able to add together 5-digit and 4-digit numbers

MathShed

Activity 4:

I have made the following number on my place value chart.
I move one counter from one of the columns three places to the left.

When I add my new number to the original number, I get the total 112,058.
Which counter has been moved? What are the two part numbers?

Slide 6

To be able to add together 5-digit and 4-digit numbers

MathShed

Evaluation:

When you add two even numbers together, you don't have to make an exchange.

Is Astrobee's statement always, sometimes or never true?
Is it a helpful way to think about when an exchange is needed?
Provide example addition calculations to help you explain your response.