



Reception

Maths

WC - 13.07.20

## Week Timetable



Click on the lesson you would like to complete:

[Lesson 1 - Monday 13<sup>th</sup> July](#)

[Lesson 2 - Tuesday 14<sup>th</sup> July](#)

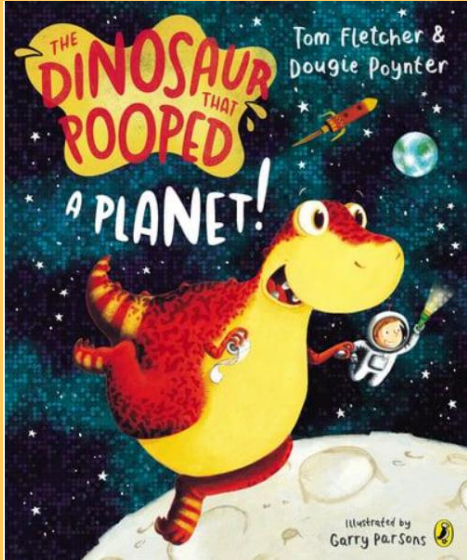
[Lesson 3 - Wednesday 15<sup>th</sup> July](#)

[Lesson 4 - Thursday 16<sup>th</sup> July](#)

[Lesson 5 - Friday 17<sup>th</sup> July](#)

In Maths this week, we are going to be looking at: patterns, addition-one more, doubling and halving, shapes and sorting.

# Lesson 1 - Monday 13<sup>th</sup> July



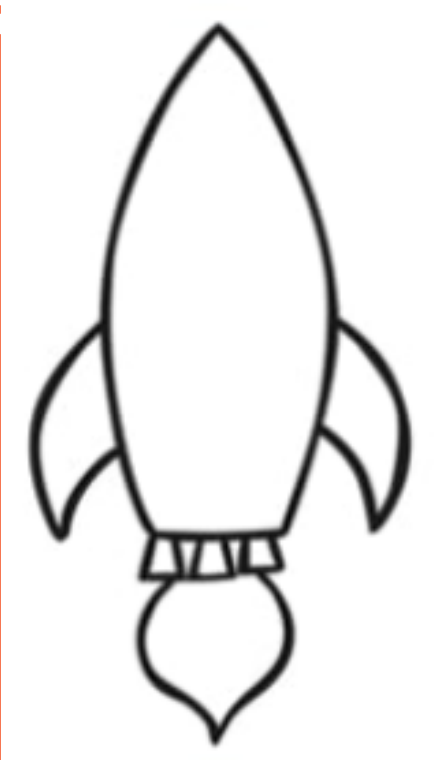
Let's start with a story!

The dinosaur that pooped a planet by Tom Fletcher and Dougie Poynter

<https://www.youtube.com/watch?v=dzOjs4irfAw>

Next Slide

# Lesson 1: Shapes

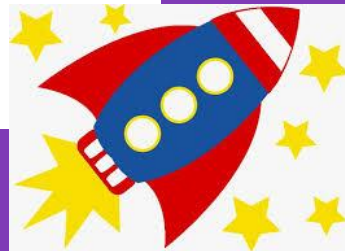


Off we Go! First things first we need a rocket to help Danny and Dinosaur get into space. Design your own space rocket and get ready for count down!

Use this template for your design or create your own!

## Talking Together

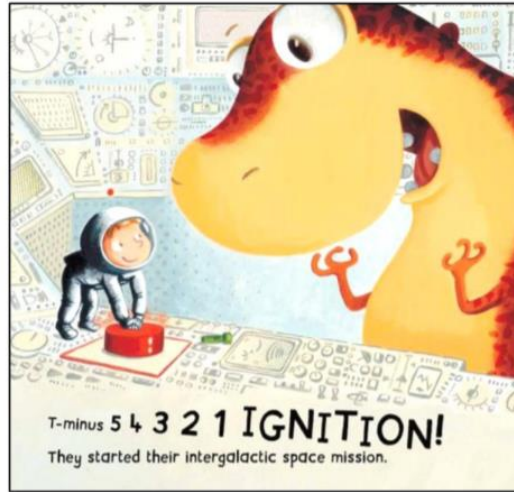
Gather things from around your house to make your own rocket. Tubes, cups, cereal boxes and think about the shapes you would want to create. (You could use any objects around your house like before.) Danny has a lot of different shaped rockets to choose from!



## Create your own rocket command station!

Take a cardboard box or cereal box and design your buttons!  
What shapes will your buttons be? Will you have a big red circle  
one like Danny?

Remember to count down from 20 to blast off!



## Lunchbox! Challenge

How many different combinations of healthy lunchboxes can you create for Danny?

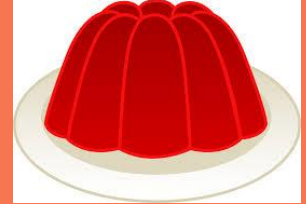


Danny's Dinner  
Danny forgets to take his dinner for him and Dinosaur! Help Danny pack his lunchbox with some healthy choices so he doesn't go hungry!

## Lunchbox! Challenge

What large amounts of food could you suggest to feed a  
Dinosaur?

Can you think of 20 things he could eat?  
(It doesn't matter how silly!)





Draw your 20 items  
for a dinosaur lunch  
in here.



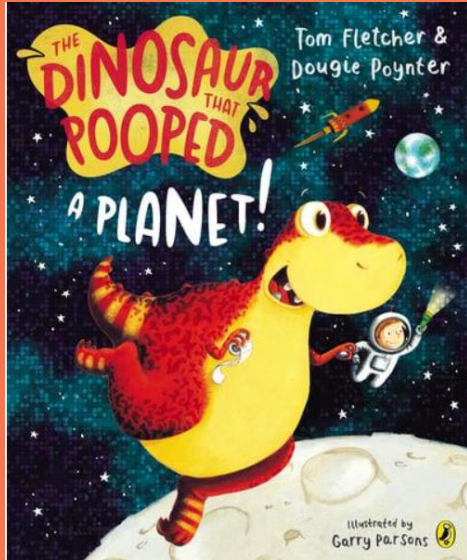


# You have finished lesson 1

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home page](#)

Tuesday 14<sup>th</sup> July 2020

# Lesson 2: Patterns



In “The Dinosaur that Pooped the past” A, B and C get themselves into all sorts of stacking patterns! Can you arrange your 3 dinosaurs in 5 different ways?

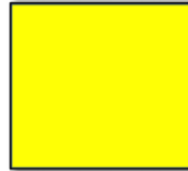
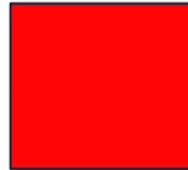
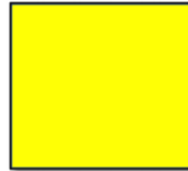
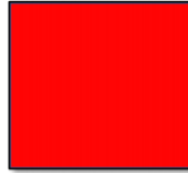


# Lesson 1: Patterns



Can you make your shapes stack like the dinosaurs?

Start with the first one. We have 3 colours.



1

Use the ABC dinosaurs to help you.  
Can you do another 4 different stacks?



2

Use the ABC dinosaurs to help you.  
Can you do another 3 different stacks?



3

Use the ABC dinosaurs to help you.  
Can you do another 2 different stacks?



4

Use the ABC dinosaurs to help you.  
Can you do one final different stack?





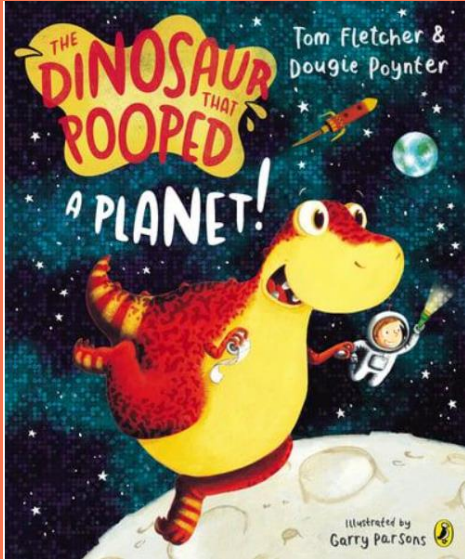
You have finished lesson 2

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home page](#)

Wednesday 15<sup>th</sup> July 2020

# Lesson 3: Addition

## One more



### Pooping Planets

That Dinosaur just keeps on pooping! Keep an eye on him! Can you tell us how many that would be?

## Talking Together



Danny is worried. The Dinosaur's tummy is rumbling.  
He is pooping planets! Count the planets the Dinosaur has  
pooped out and tell us how many there will be if he poops one  
more!



How many planets  
are there?

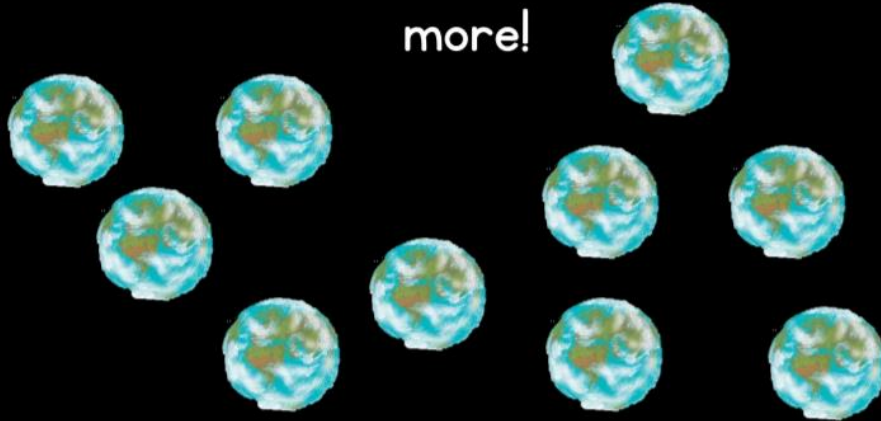
How many  
planets will  
there be if we  
add one  
more?



## Talking Together



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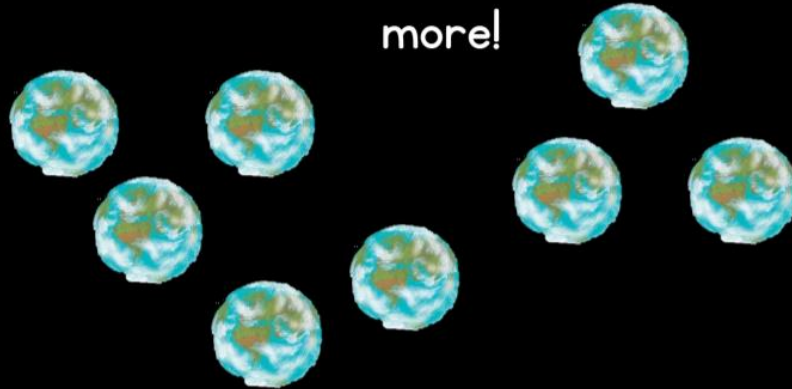
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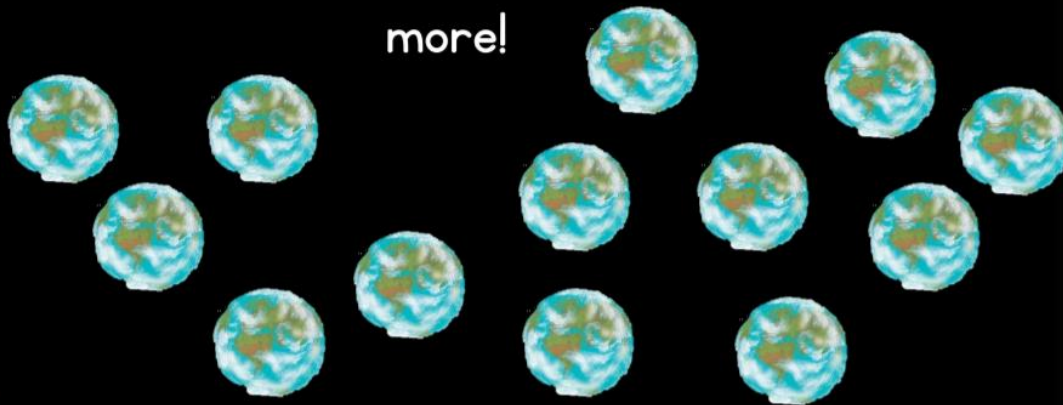
How many planets  
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How many  
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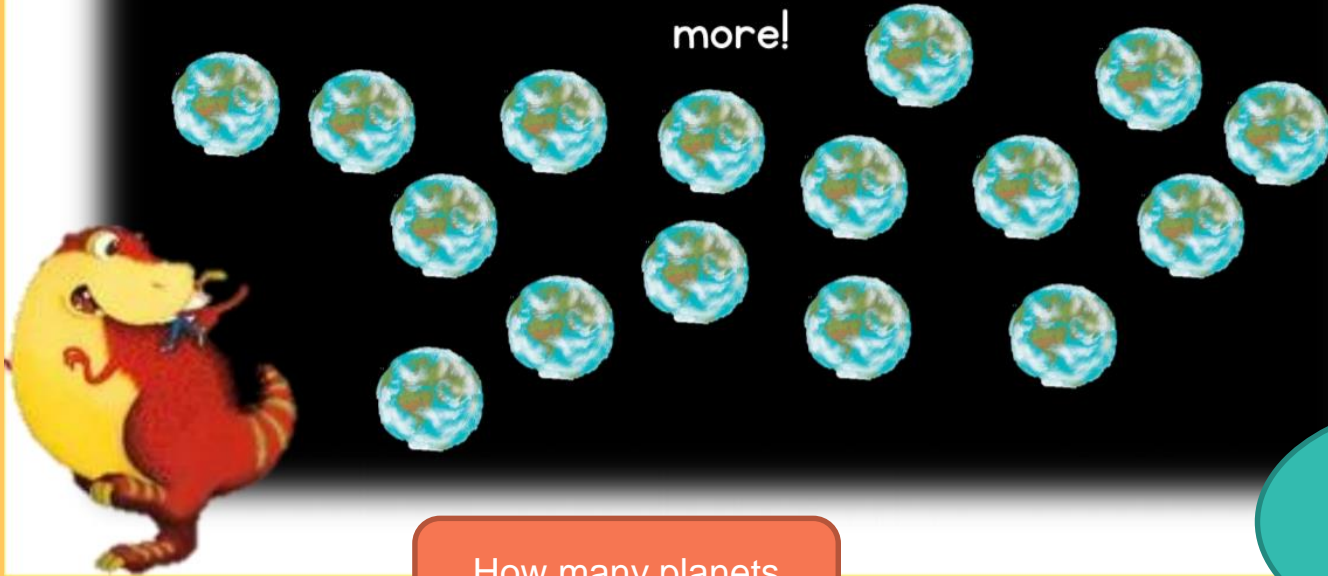
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How many planets  
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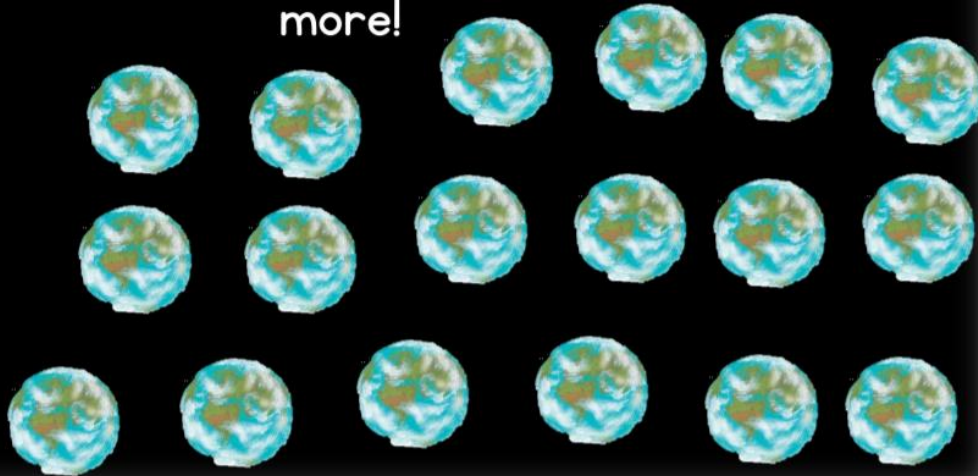
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## Talking Together



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How many planets  
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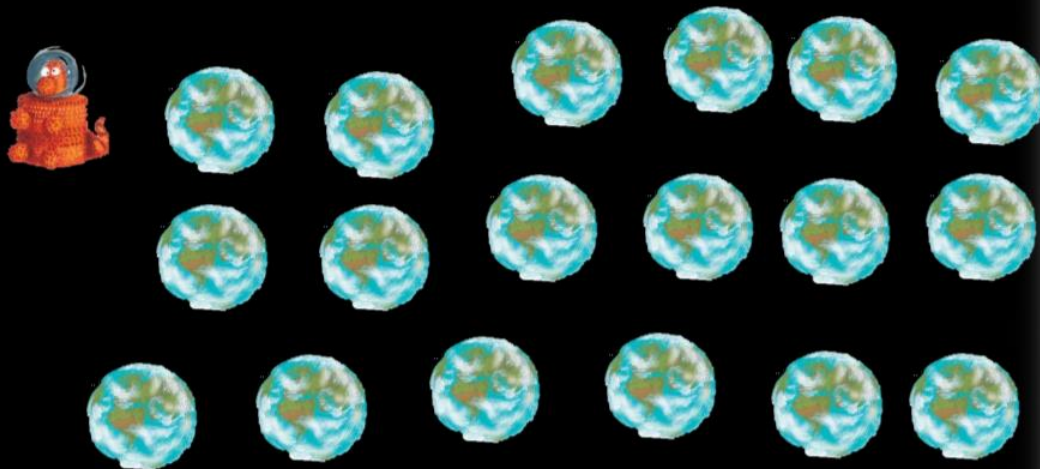
How many  
planets will  
there be if we  
add one  
more?



## Talking Together

Oh no what else has he pooped!

How many things  
now?



Count the  
planets  
carefully!



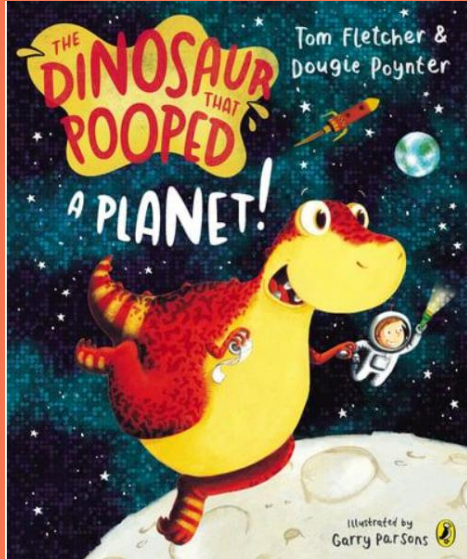


You have finished lesson 3

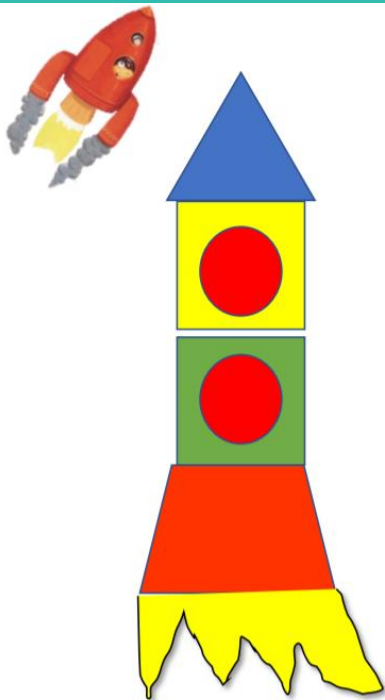
[Click here to return  
to the home page](#)

Thursday 16th July

# Lesson 4: Doubling and halving



Rocket Doubles Game  
Solve the double problems  
to make your rocket and  
get all the parts ready to  
set off!



## Talking Together

You will need 2 dice.

Roll the dice. See your double number.  
Look at which part of the rocket you can  
draw. The winner is the first person to  
draw a complete rocket.

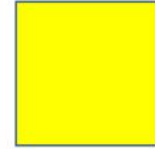
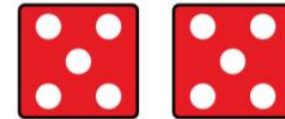
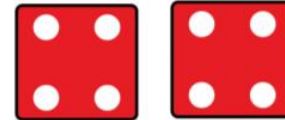
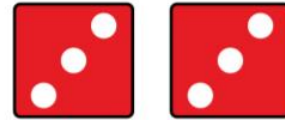
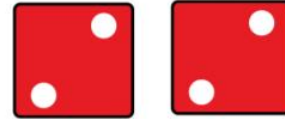
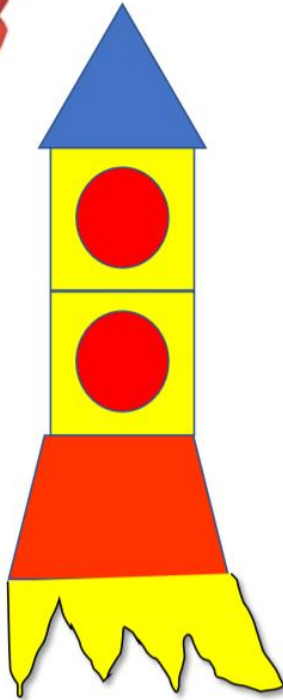
You will need to roll a six to start.  
(On either of your dice.)



Online dice roller

<https://www.teachstarter.com/gb/widget/dice-roller-gb/>

## Talking Together



If you roll a double 1, draw a blue triangle, if you roll double 2, draw a yellow square etc

## Talking Together

Danny's friends want to go on a rocket ride. How many different ways can you share the children onto the 2 rockets? It doesn't have to be a fair share!



Rocket Ride! Danny's friends have found out about his adventures into space. They want a rocket ride but which one to choose?



## Talking Together

Danny's friends want to go on a rocket ride. How many different ways can you share the children onto the 3 rockets? It doesn't have to be a fair share!



Each rocket must have one child on it

## Talking Together

More friends want to go on a rocket ride. How many different ways can you share the children onto the 2 rockets? It doesn't have to be a fair share!



Each rocket must have one child on it

## Talking Together

More friends want to go on a rocket ride. How many different ways can you share the children onto the 3 rockets? It doesn't have to be a fair share!



Each rocket must have one child on it

## Talking Together

More friends want to go on a rocket ride. How many different ways can you share the children onto the 2 rockets? It doesn't have to be a fair share!



Each rocket must have one child on it

## Talking Together

More friends want to go on a rocket ride. How many different ways can you share the children onto the 3 rockets? It doesn't have to be a fair share!



Each rocket must have one child on it





You have finished lesson 4

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home page](#)

Friday 17th July

# Lesson 5

## Sorting and grouping



Making Volcanos There is a volcano that needs putting out by pooping! Make your own volcano by combining some special ingredients.

## Talking Together



You will need a grown up to help you with this. When you are ready to make your volcano explode, make sure you go somewhere where it's safe to make a mess!

You will need:

Glue, Vinegar, Paper

A piece of cardboard, Tape,

Small plastic container,

Food colouring, Paint

Baking soda, Flour.



## Assemble your volcano!



Glue the small container onto a square of cardboard

- Crumple up paper and place around the container so they begin to form a cone shape. Tape the paper into place.
- Mix half a cup of flour and half a cup of water together until it forms a glue like consistency – You can add more water if it is too thick.
- Rip some newspaper into strips. Dip each strip into the glue and wipe off any really gungy bits. Then start placing the strips onto the volcano shape.
- Keep on sticking strips all around until it forms the shape of a volcano.

Leave it to dry overnight.

(If you are really too excited about your volcano you can always just scrunch some paper around it!)

## Talking together

Paint it so it looks like a volcano.



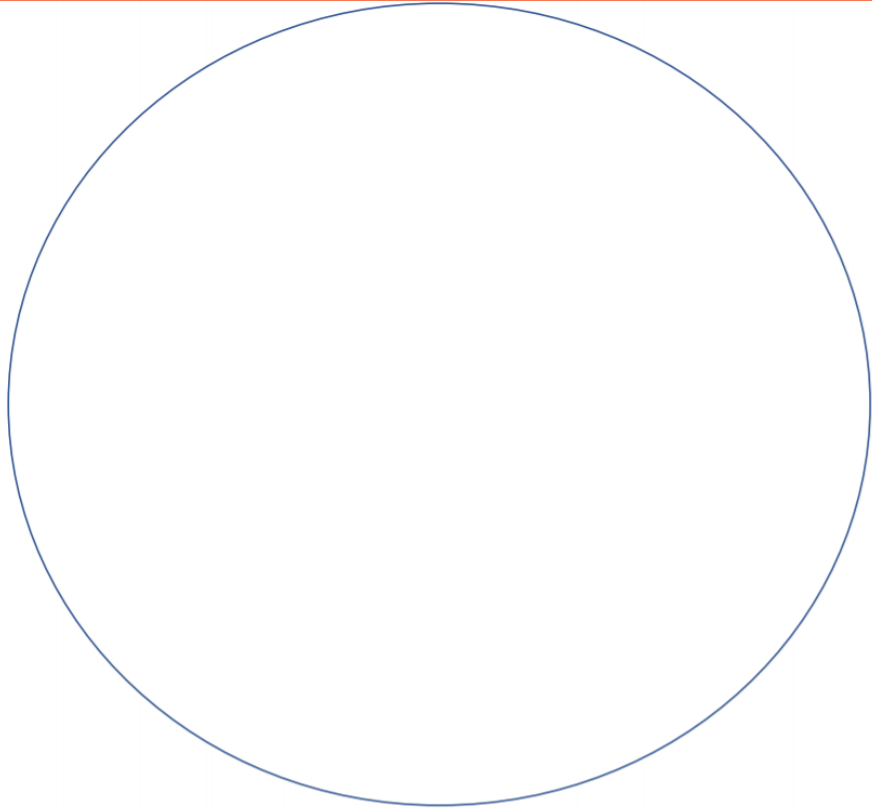
Now take it outside to make it explode!

- Half fill the container at the centre of the volcano with baking soda.
- Mix a little red food colouring with some vinegar.
- Now pour the vinegar into the container at the centre of the volcano!

Stand back!



Create your own planet  
The lost world What will  
your planet look like? Will  
it be one that has been  
looked after or has it been  
eaten by a dinosaur? Will  
it have rivers or seas?  
Will it have islands? This  
is like a large scale map



## Guess my rule

Look at the following dinosaurs features. Why might some have been picked out to make a set? What is the rule?



Take a look on  
the next slides  
to see the sets



Set 1



What do  
they  
have in  
common  
?

Set 2





Set 1



Set 2



Set 3



Set 1



Set 2





You have finished lesson 5

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the home page](#)