



## Y2 Home Learning Pack - Week 4



### Year 2's challenge of the week!

#### Design a Rainbow

This week we are asking everyone in Year 2 to create their own rainbow on a piece of paper.

You can use anything from paint, colouring pencils, glitter, collage materials... its up to you!

Once you have completed your rainbow, we would like you to:

1. Send a **picture** of you holding your rainbow picture via email (we want to see your faces in the picture, so don't forget to smile!)
2. Send a short **video** of you holding your rainbow picture via email. At the beginning of the video hide your face behind your rainbow picture and then reveal your face. You could even give a wave, say hi or share a message!

If everybody can do this by Sunday 17<sup>th</sup> May, we will be able to put together a special video just for Year 2, filled with all of your lovely smiles and messages!

Once finished, it will be a very special Year 2 video that we'll be able to look back on in years to come and will put a big smile on everyone's faces!



Send yours in by:  
**Sunday 17<sup>th</sup> May!**

We don't want anyone to miss out, so please remember to send in your picture and video to:

[HBNEnquiries@sch.im](mailto:HBNEnquiries@sch.im)

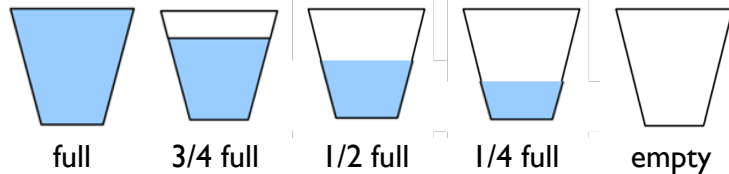


# Week 4 - Measure (Volume&Capacity)

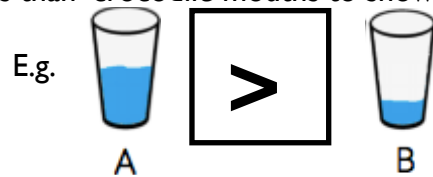
# MATHS!

## Volume - The amount that is in a container

There are five main ways of describing the volume of a container. Can you get a container/cup and make these volumes using e.g. water or rice?



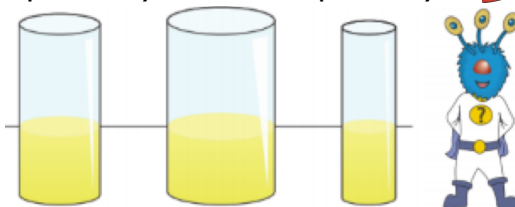
Which has more volume? Can you use the 'more than' and 'less than' crocodile mouths to show your answer?



Can you get a range of different sized containers and explore the five key volumes in different containers?



Alan the alien says that all these containers contain the same amount of lemonade. Is he correct? Can you explore practically and then explain why?



This week's Mental and Oral Game:

### Subtraction SPLAT

1. Make number cards (any numbers) out of paper and spread them across the table.
2. Adult to call out a subtraction number sentence where the answer is on one of the number cards, e.g.  $15 - 4 = ?$
3. Child to SPLAT the answer with e.g. a spatula.

## Fun Capacity Game

**The aim of the game is find a container that can hold the least OR most amount of water.**

1. Each player to start in the same room.
2. Each player gets e.g. 3 minutes to look around the house/flat to find the least amount of water.
3. When the time is up, test the containers' water capacity together using a measuring jug.
4. Do the activity again but this time find a container that will hold the most water.

## Fun Volume Game

**The aim of the game is to be the first player to make their cup full/half full/three-quarters full.**

1. Give an empty cup and a spoon to each player. Then place a full bowl of water in the middle of all players.
2. Each player must put one hand behind their back, and use their spoon to place water into their cup.
3. Declare a volume as an aim to win the game (full/ half full/ three quarters full)
4. READY, SET, GO!

## Capacity - How much can fit into a container

Can you explore the capacity of different sized containers?



With an adult, can you use a measuring jug to measure how much water each container holds? Order them by their capacities.



You may not just measure capacity using water. You may test the capacity of a box by how many lego pieces it can fit in, or how many tins fit in a bag!

Can you choose something to test the capacity of and an item to put in it? Estimate how many objects you will fit in. Test its capacity and see if your estimate was near!

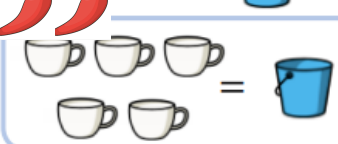


### Problems to Solve

Containers that are different shapes always have the same capacity (hold the same amount of water). Am I correct? Test it out.



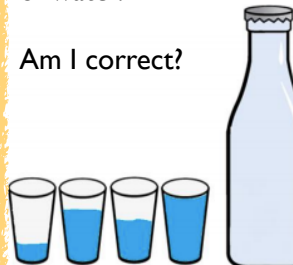
It takes 5 cups to fill 1 bucket



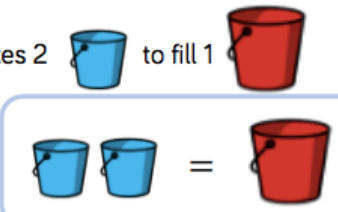
When all these glasses of water are placed in the bottle, the bottle is full.

The bottle holds 4 full cups of water.

Am I correct?



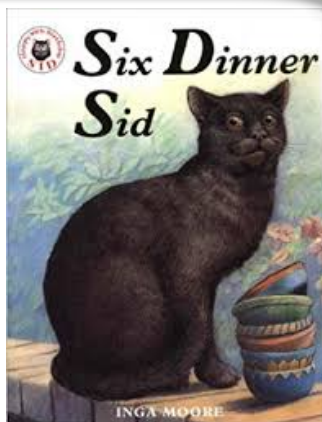
It takes 2 buckets to fill 1 big bucket



How many cups will fill one bucket?



Listen to  
the story  
here before  
you begin!



<https://www.youtube.com/watch?v=3XAdTJCtGts>

Happy      Sneaky      Black  
Clever      Fat      Greedy

Can you think of some more exciting words you could use to describe Sid?

Write them down.

Can you write a sentence using some of these words?

Conjunctions link a sentence together such as **because, if** or **when**.

Complete the following sentences:

- Sid had six different names because...
- Sid's owners realised they were all feeding the same cat when...
- Sid left his six owners because...
- Sid became poorly when...

# LITERACY

## A day in the life of Sid!

Write a recount of a normal day in the life of Sid the cat. You can write your recount in first person, as if you are Sid!

Remember, a recount is written in correct time order, so start with what Sid did as soon as he woke up, and end where he finished his day.

See if you can use some time connectives in your writing such as:

**First, then, after that, later on.**

Refer to the video to help you remember some details from Sid's day!



Choose your favourite story book that you have read this week. Complete the following tasks:

- Write a conversation between you and the main character in the book. Remember to write detailed responses for the character.
- Draw 5 thought bubbles and write what the main character might be thinking at different stages in the story.



## BOGGLE

M	A	P	O
E	T	E	R
D	E	N	I
L	D	H	C

### Points

3 letters = 1 point      6 letters = 3 points  
4 letters = 1 point      7 letters = 5 points  
5 letters = 2 points      8 letters = 9 points

How many words can you find?

## Challenge!



Write a letter to a family member or loved one and send in the post!

Don't forget to start your letter with 'Dear' or 'To'.

It might be nice to also include a picture of what you have been up to whilst at home.





## Water Week!

### Make sure you:

1. Predict
2. Test
3. Talk about findings
4. Make a conclusion

Water is wonderful! We see and drink it every day but we don't usually think about the things it can do! This week, do experiments with water. Choose 1 of these experiments to do. Or do more if you fancy!

### How many coins will a junk model boat hold?

1. Using tape and bottles, boxes etc. from your recycling, make a boat. Think about materials you use and why.
2. Test your boat and make it stronger if needed!
3. How many 1p coins (or any small object) can you place in your boat before it sinks?

If your adult/sibling wants to, they can also make a boat and you can test to see whose boat is the strongest and why!



### Will both peeled and un-peeled oranges float?

1. Get two same sized oranges and place them in the water.
2. Test to see if they float or sink.
3. Take one orange out of the water and un-peel it. Then place it back in the water. Test to see if it still floats!



### What happens to Skittles when placed in water?

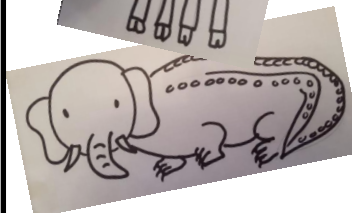
1. Place different coloured Skittles sweets on a plate and arrange them into a large circle.
2. When the circle is complete, pour water in the middle - enough to reach all of the skittles and cover the plate. Watch and enjoy!

### What happens to pepper in water when it is touched with washing up liquid?

1. Fill a bowl with water and cover the surface with ground (fine) black pepper. Does it float or sink?
2. Place your dry finger in the water. What happens?
3. Put a small bit of washing up liquid on your finger and place it in the water again. Watch what happens to the pepper!

DO WITH AN ADULT!

## Our Topic is...



### Let's Get Creative

#### I can sketch by using my pencil lightly.

-Search on YouTube 'How to draw a (insert your favourite animal)' Follow the artist and pause whenever you need!

-Design an animal that is a mixture of two species! Just like Miss Ward's elephant and crocodile called an Eledile or her lion and giraffe called a Liraffe!

-Do you have a pet or does someone in your family have one? Look at your pet or a picture of them and sketch them.

## PE

### I can move with careful control, co-ordination and care.

#### Games

##### Dodge "snowball"

With an adult or another player, ball up some white socks and try to hit the runner from the waist down as they run past. But don't get hit or you turn into a snow statue!

##### Tail Tag

Place a piece of fabric in your back pocket or loosely wrapped around a belt loop. Everyone chases you and tries to pull the tail out!

##### Hot potato

Pass a ball or similar item to another player without dropping. Increase the speed that the ball is passed. How many passes can you make without dropping the ball?



### I can celebrate my special relationships.

Think of someone in your home that makes you feel happy.

Draw a picture of you and that person doing something that you love, such as playing or reading or baking cakes together!

Now write a sentence underneath your picture describing why that person makes you happy.

For example:

"My mum makes me happy because she bakes the best cookies!"