

## Wednesday 1<sup>st</sup> July

**PE with Joe** – <https://www.youtube.com/user/thebodycoach1>

**Cosmic yoga** - <https://www.youtube.com/user/CosmicKidsYoga/videos>

**Speed sound session** – The children are very familiar with the RWI routines. Play the video for your set and you will see, they know what to do!

Set 1 - [https://www.youtube.com/channel/UCo7fbLgY2oA\\_cFCIg9GdxtQ](https://www.youtube.com/channel/UCo7fbLgY2oA_cFCIg9GdxtQ)

Set 2 – ir

Speed sound session: <https://youtu.be/INU528Ulo1I>

Fred finger and hold a sentence: [https://youtu.be/ks7U\\_aT35oQ](https://youtu.be/ks7U_aT35oQ)

Set 3 – a-e

Speed sound session: <https://youtu.be/rxYKmNLIKg8>

Fred finger and hold a sentence: <https://youtu.be/Fm7RO5b4ic>

**Maths** – See below

**Reading** - Read one of your favourite books to you parent/carer. If you have ran out of books, log on to your myon.co.uk and find a book from there! Ask your teacher on class dojo if you aren't sure of your username or password.

**English** – Talk 4 Writing See below

**Story time** – The Hedgehogs balloons - [https://www.youtube.com/watch?v=gQnm8o8\\_AtA](https://www.youtube.com/watch?v=gQnm8o8_AtA)

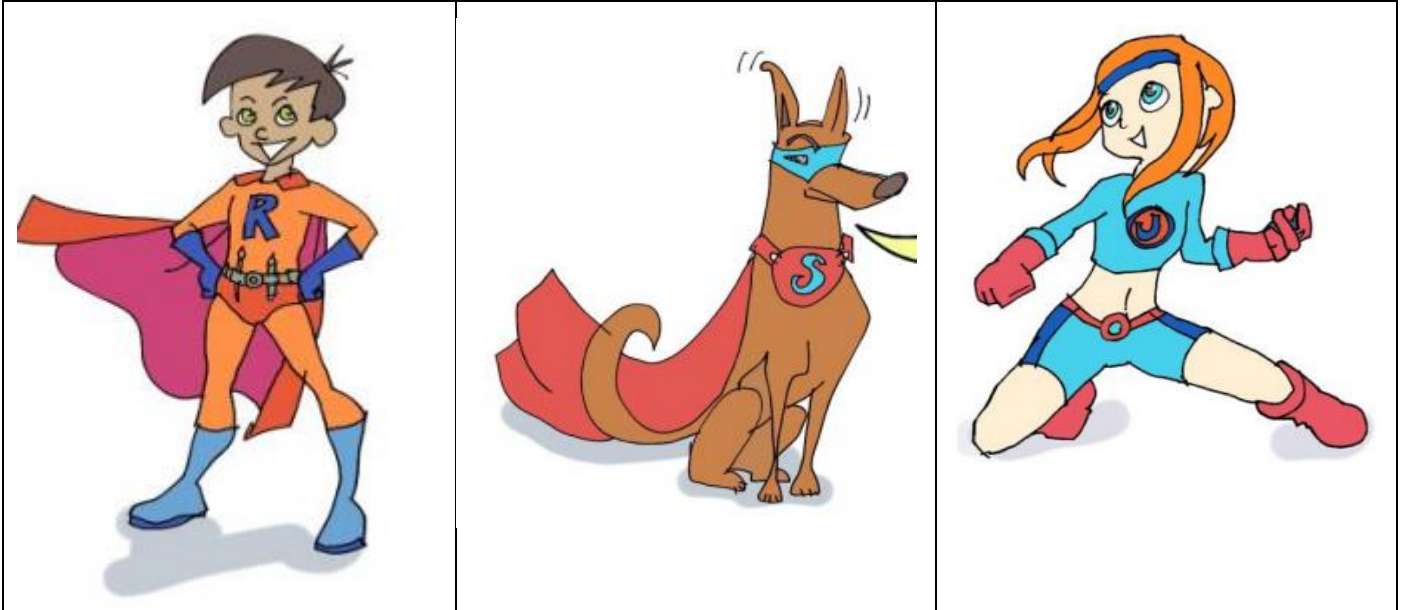
**Topic** - See below

## Wednesday 1<sup>st</sup> July

Wednesday: **English** – Today we are going to be writing expanded noun phrases to describe the characters in the story.

What adjectives can you think of to describe the characters?

Now put them into a sentence. E.g. *Jo has shiny, red gloves with bright blue cuffs.*



A series of horizontal writing lines for the student to use. Each line set consists of a solid top line, a dashed middle line, and a solid bottom line. There are 10 such sets of lines provided for writing.

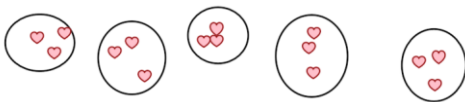
# Wednesday 1<sup>st</sup> July

Date	1.7.20 and 2.7.20
Subject/s	Maths
L.O	To make equal groups by sharing.

Success Criteria  	I can draw the right amount of groups.			
	I can share the amount equally between groups.			
	I can count how many are in a group and write the answer.			

Teacher example:

$$15 \div 5 = 3$$



$$8 \div 2 =$$



$$70 \div 10 =$$

This one is easier to count in 10s!

**Fluency 1** – Copy these into your books

$$6 \div 2 =$$

$$10 \div 2 =$$

$$12 \div 3 =$$

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$$20 \div 5 =$$

$$18 \div 3 =$$

$$20 \div 10 =$$

$$14 \div 2 =$$

## Wednesday 1<sup>st</sup> July

Jane has 20 sweets and shares them between 5 friends.



Tom has 20 sweets and shares them between 10 friends.

Whose friends will receive the most sweets?

How do you know?



Fred says,



I can work out  $40 \div 2$  easily because I know that 40 is the same as 4 tens.



This is what he does:

$$\boxed{40} \div \boxed{2} = \boxed{20}$$

Is it possible to work out  $60 \div 3$  in the same way?

Prove it

### True or false?

$$16 \div 2 = 7$$



Sam shares 21 sweets between himself and 2 friends.



How many will they get each?


# Wednesday 1<sup>st</sup> July

Wednesday: D&T – Watch the video and take a look at the power point. On Friday you will be building your own bridge. What could you do to make sure it is nice and strong?

**Design and Technology**

## Structures

A teaching and task setting PowerPoint.



1

**LO:** To learn about, describe and compare the features of the tallest and longest structures in the world.

**LO:** To understand how to strengthen, stiffen and reinforce more complex structures.

**LO:** To use this knowledge when making structures.

2

### Starter Activity

Make the tallest tower you can using only newspaper and sticky tape.

It must support itself without falling over.

3

### Starter Activity

Make the strongest bridge between 2 chairs using only newspaper and sticky tape.

It must support the weight of a Mars bar.

4

### The top 3 tallest freestanding structures in the world (in 2014)

5

Name : Burj Khalifa skyscraper


Location : Dubai, United Arab Emirates

Height in m : 830 m

Height in ft : 2,722 ft

Floors : 163

Built : 2010



6

# Wednesday 1<sup>st</sup> July

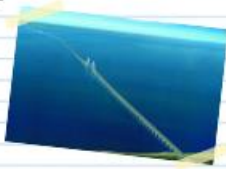
Name : Lake Pontchartrain Causeway

Location : USA

Length in m : 38,442m

Finished : 1969

Purpose : Road bridge



Name : Forth Bridge

Location : Scotland

Length: 2,528m

Finished : 1890

Purpose : Railway bridge



## Activity

Look at the following objects.

Discuss the following:

Why do these objects have to be strong and stable?  
How are they designed to be strong and stable?



## Shape and Base

The base is the key to a stable structure.  
The shape of the structure is also very important too.

The wider the base, the more stable the structure.



## Strengthening and Stiffening Structures

Joining together – Using paper or card, you could use strong glue, stapling, paper clips or strong tape to join pieces together.

Rolling – Rolling paper or card into tubes can produce a strong structure. You can fix a number of tubes together to create a strong base.

Folding – Concentrating paper and card then adding a layer of card above and below it.

Layering – Corrugated card can be layered to create an extra strong base. Alternatively, you could add a length of wood to each edge of the card, strengthening the corners with cardboard triangles. You can then add another piece of corrugated card on top of this or repeat this process several times to create an extra strong base.

Why don't you have a go at each method and decide which is best?

## Activity

Using what you have learned from this topic, design and make a strong tower / bridge / chair using only paper and / or card.

Use the best method for joining these materials together.

Location : Japan

Height in m : 634 m

Height in ft : 2,080 ft

Built : 2012



Location : China

Height in m : 632 m

Height in ft : 2,073 ft

Built : 2014



## Other famous

### freestanding structures) in the world (in 2014

Name : One World Trade Centre skyscraper

Location : New York, USA

Height in m : 546 m

Height in ft : 1,792 ft

Built : 2013



Name : Tianjin Grand Bridge

Location : China

Length : 70 miles or 113,700m

Built : 2010

Purpose : High-speed rail bridge



## Other famous bridges

