

Here are some topics which you can work from at home. All work can be recorded in a way you choose. The theme for this week is **Entertainment**

Each day we put a 'Word of the Day' on the grid below. See if you can:

- Find the definition
- Use the word in a sentence
- List any synonyms
- List any antonyms
- Use the word in a different context
- Use an image to represent the word - be creative!

Day	Word	English	Maths	Science	Physical	Creative
Monday	Changeable	<p><u>Reading and Research</u> Watch the short clip from Charlie Chaplin Between Showers. <a href="https://www.youtube.com/watch?v=ITY6dZ IAew">https://www.youtube.com/watch?v=ITY6dZ IAew</a> (watch to 4 mins). What do you think of this clip? How is this different from the films you watch today?</p> <p>At the beginning of the 20<sup>th</sup> century, films were silent. Actors like Charlie Chaplin became big stars.</p> <p>Often, a pianist (a person on a piano) would sit in the movie theatre and play the music that he thought was fitting for the story. So the music was live!</p> <p>The first 'talkie' was made in 1927. It was called The Jazz Singer. A 'talkie' was the name for a film with sound included. It was the first time audiences could hear actors speak! Most films were still black and white, but this changed in the 1930s when colour films began to be made. Cinema was changing quickly and in lots of exciting ways!</p> <p>As film progressed so did the techniques and effects used.</p> <p>Research your favourite actor. You must make sure you have information about their life, work, family and films they have been in.</p> <p>Complete the short reading comprehension attached below.</p>	<p>Please see below for additional activities. Complete one each day.</p> <p>You also have MyMaths and TT Rockstars work as well as work in your text books or SATs papers.</p> <p>This website is also great and gives you daily activities revising all of the things you have learnt in Y6. You could use them as daily starters like we do in class. <a href="https://myminimaths.co.uk/year-6-mini-maths/">https://myminimaths.co.uk/year-6-mini-maths/</a></p>  <p>Also, don't forget the fantastic resources on the new BBC Bitesize website. Just click on Year 6 and it is full of exciting activities not just for maths but for all subjects. <a href="https://www.bbc.co.uk/bitesize/tags/zncs/scw/year-6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zncs/scw/year-6-lessons/1</a></p>	<p><u>Objects and their shadow</u></p> <p><u>Learning Link</u> <a href="https://www.bbc.co.uk/bitesize/topics/zbssgk7">https://www.bbc.co.uk/bitesize/topics/zbssgk7</a></p> <p><u>Investigate</u> Take a torch (this can be a phone torch), a book and a sheet of paper. Shine the torch behind the book so that it casts a shadow on the piece of paper. Can you change the size of the shadow? What do you notice?</p> <p>Have go at the activities below. Then answer these questions.</p> <p>How accurate were your predictions? Which room has the widest shadow and why? Which room design has the narrowest shadow and why?</p>	<p>Can you complete all of the Joe Wicks lessons this week. Complete a fitness diary. Do you feel like you have improved each day?</p>	<p>Can you create your own Camera Obscura and use it to produce some art based on this.</p> <p>In order to complete this you will need some help from an adult.</p> <p>What you will need:</p> <ul style="list-style-type: none"> <li>-empty Pringles® can</li> <li>-marker</li> <li>-ruler</li> <li>-Craft/Stanley knife (only with an adult!)</li> <li>-drawing Pin or pushpin</li> <li>-masking tape</li> <li>-Tin foil</li> <li>-scissors</li> </ul> <p>Instructions Take the plastic lid off the Pringles® can and wipe out the inside. (Save the lid!) Draw a line with the marker all the way around the can, about 2 inches up from the bottom. Cut along that line so the tube is in two pieces. The shorter bottom piece has a metal end. With the drawing pin, make a hole in the center of the metal. We're going to use the plastic lid as a</p>

Tuesday	questionnaire	<p><u>SPaG.com</u> Log onto SpaG.com and complete the online tasks.</p> <p>If you do not have access to the online resources. See the attached activity below.</p>				<p>screen. If your lid is clear, you may need to apply a piece of wax paper or white tissue paper to the lid to act as a translucent screen. Put the plastic lid onto the shorter piece. Put the longer piece back on top. Tape all the pieces together.</p> <p>To keep light out of the tube, use a piece of tin foil that's about 1 foot long. Tape one end of the foil to the tube. Wrap the foil all the way around the tube twice, then tape the loose edge of the foil closed. If you have extra foil at the top, just tuck it neatly inside the tube.</p> <p>Your camera obscura is complete. Now you need to test it. Can you improve it using your knowledge of light and shadow?</p>
Wednesday	February	<p><u>Writing</u> Using your research from Monday, create a Autobiograohy about your favourite actor/actress.</p> <p>Your autobiograohy must include:</p> <ul style="list-style-type: none"> <li>- introduction</li> <li>- First person</li> <li>- Chronological order with conjunctions</li> <li>- Past tense</li> <li>- Specific dates</li> <li>- Include emotive language</li> </ul> <p>Could you now recreate a scene from a film they are in using toys you have in the house? Could you write a script to match this? Could you film it?</p>				
Thursday	Jewellery					
Friday	Conscience	<p><u>Spelling</u> Choose 10 different Year 6 spelling words and write a paragraph which includes them all. Can your paragraph include information about art and nature?</p> <p>Log on to Spelling Shed and complete this week's activities.</p>				

## Websites

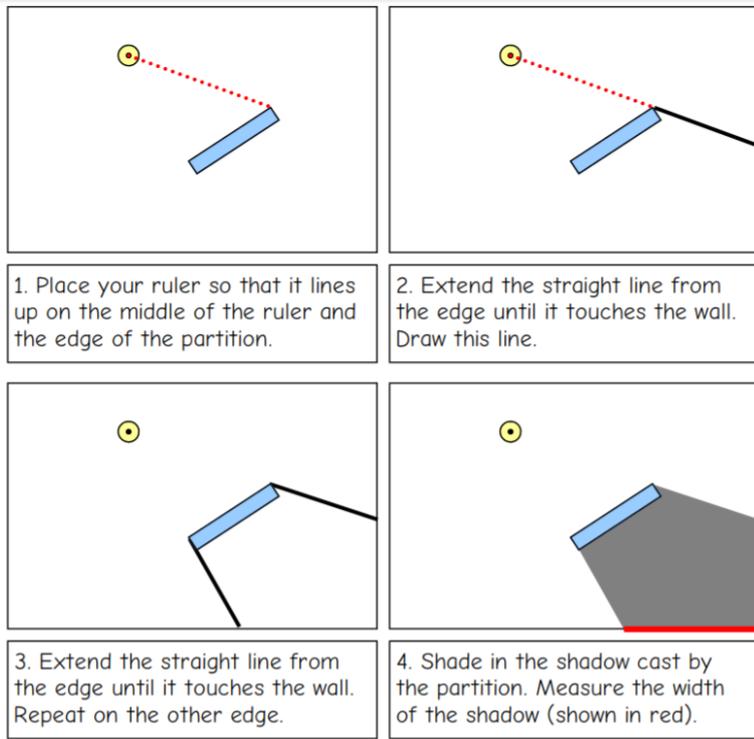
Art for Kids Hub	Books
<p><a href="http://www.artforkidshub.com">www.artforkidshub.com</a></p> <p>This is based on YouTube but can be accessed on YouTube Kids. Lots of video to watch and follow to help you draw many different things. Again, a good relaxing and satisfying activity to take you mind off things.</p>	<p><a href="http://www.oxfordowl.co.uk">www.oxfordowl.co.uk</a></p> <p>Go to the FREE eBook Library and select the right age group. You will have access to many different texts to read at your leisure.</p>

**Activity**

Look at the pictures on the following pages. They show design plans for different rooms. Each room contains a light source and partitions. The partitions are all the same size and go all the way up to the ceiling.

First, estimate the width of the shadow cast by the partition. Record this in the space provided.

Next, calculate the width of the shadow. Place your ruler so that it lines up the centre of the light source with one of the edges of the partitions. Draw a line from the edge of the partition to the wall. Repeat for the other edge of the partition. Use a pencil or black coloured pen to shade in the shadow that you have formed. Use your ruler to measure the length of the shadow cast on the wall. Record this in the space provided.



Room design 1		Predicted width of shadow: <input type="text"/>
		Measured width of shadow: <input type="text"/>
Room design 2		Predicted width of shadow: <input type="text"/>
		Measured width of shadow: <input type="text"/>
Room design 3		Predicted width of shadow: <input type="text"/>
		Measured width of shadow: <input type="text"/>
Room design 4		Predicted width of shadow: <input type="text"/>
		Measured width of shadow: <input type="text"/>

## SPaG Task

### Apostrophes for possession and omission

#### Task A

Look at the sentences below. You need to decide whether to fill the gap with *its* or *it's*. Think carefully before writing these sentences out in your book.

- 1) Whose coat is this? \_\_\_ mine!
- 2) \_\_\_ a lovely day today.
- 3) The elephant raised \_\_\_ trunk.
- 4) Hurry up, \_\_\_ going to rain.
- 5) The book had lost \_\_\_ last page.

#### Task B

Now we are going to practise using the apostrophe for possession and omission. Think about who owns what in this sentence and which letters are missing.

1. The policemans jacket was bright yellow.
2. The Primer Ministers car was hit by an egg.
3. The wardrobes doors werent clinging on to the hinges.
4. The childrens school dinners were delicious.
5. Hundreds of people packed in to the hall to hear the Mayors speech.

#### Task C

Answer the SATs questions.

1. Explain how the position of the apostrophe changes the meaning of the second sentence.

- A) What are your brother's favourite toys?
- B) What are your brothers' favourite toys?

2. Circle the word in the passage that contains an apostrophe for possession.

It's five o'clock. Let's leave early and we'll be able to go to Emma's house first.

3. Add the missing apostrophes to the sentences below.

That comedians jokes were hilarious.

Ryans parents are both doctors.

The castles dungeons are 300 years old.

4. Rewrite the sentence below to show the correct contracted forms of the underlined words.

"I cannot find my hat," moaned Asha. "I will ask Mum I bet she has seen it."

5. Rewrite the sentence below to show the correct contracted forms of the underlined words.

"It is a wonderful day out there now," said Mum. "The sun is shining. It might not be this sunny later."

# Maths

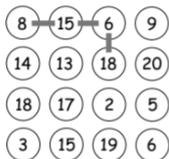
## Joins

Join any four numbers.

Find their total.

Joins can go up, down or sideways, but not diagonally.

The score shown is  $8 + 15 + 6 + 18 = 47$ .



Find the highest possible score.

Find the lowest possible score.

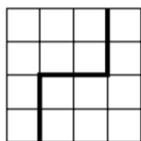
Try joining five numbers.

Now try joining five numbers using only diagonal joins.

## Four by four

You need some squared paper.

This 4 by 4 grid is divided into two identical parts.  
Each part has the same area and the same shape.

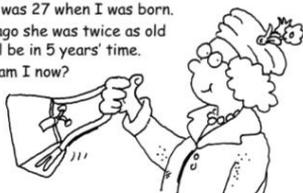


Find five more ways of dividing the grid into two identical parts by drawing along the lines of the grid.  
Rotations and reflections do not count as different!

Explore ways of dividing a 4 by 4 grid into two parts with equal areas but different shapes.

## Age old problems

1. My age this year is a multiple of 8.  
Next year it will be a multiple of 7.  
How old am I?
2. Last year my age was a square number.  
Next year it will be a cube number.  
How old am I?  
How long must I wait until my age is both a square number and a cube?
3. My Mum was 27 when I was born.  
8 years ago she was twice as old as I shall be in 5 years' time.  
How old am I now?



### Albert Square



36 people live in the eight houses in Albert Square.  
Each house has a different number of people living in it.  
Each line of three houses has 15 people living in it.  
How many people live in each house?

### Pet shop



1. Jim bought a cat and dog for £60 each.  
Later he sold them.  
He made a profit of 20% on the dog.  
He made a loss of 20% on the cat.  
How much did he get altogether when he sold the cat and dog?
2. Jim bought another cat and dog.  
He sold them for £60 each.  
He made a profit of 20% on the dog.  
He made a loss of 20% on the cat.  
Did he make a profit or loss on the whole deal?

## Comprehension

A man appeared on the corner the cat had been watching, appeared so suddenly and silently you'd have thought he'd just popped out of the ground. The cat's tail twitched and its eyes narrowed.

Nothing like this man had ever been seen on Privet Drive. He was tall, thin, and very old, judging by the silver of his hair and beard, which were both long enough to tuck into his belt. He was wearing long robes, a purple cloak that swept the ground, and high-heeled, buckled boots. His blue eyes were light, bright, and sparkling behind half-moon spectacles and his nose was very long and crooked, as though it had been broken at least twice. This man's name was Albus Dumbledore. Albus Dumbledore didn't seem to realize that he had just arrived in a street where everything from his name to his boots was unwelcome. He was busy rummaging in his cloak, looking for something. But he did seem to realize he was being watched, because he looked up suddenly at the cat, which was still staring at him from the other end of the street. For some reason, the sight of the cat seemed to amuse him. He chuckled and muttered, "I should have known."

He found what he was looking for in his inside pocket. It seemed to be a silver cigarette lighter. He flicked it open, held it up in the air, and clicked it. The nearest street lamp went out with a little pop. He clicked it again -- the next lamp flickered into darkness. Twelve times he clicked the Put-Outer, until the only lights left on the whole street were two tiny pinpricks in the distance, which were the eyes of the cat watching him.

1. What did the cat's tail and eyes do when Albus appeared?
2. Where are they both?
3. List 6 adjectives used to describe Albus Dumbledore.
4. What clothes was he wearing?
5. What did he click 12 times?
6. What did Albus say to the cat?
7. What did he change on the street?
8. What do you think happens next?
9. What tells us that the cat knows Albus?
10. How do you think he appeared in the street?