

Year 6 Home Learning - Monday 13.7.20

Please email your work into us using the Year 6 email address –

year6@highworthcombined.co.uk

We love hearing from you and seeing everything you've been up to!

REMEMBER that we do not expect you to complete all the activities, we are happy for you to choose the activities you would like to do!



English

Have any of you heard of Lewis Carroll?

Lewis Carroll was a well-known writer of children's fiction.

His most famous novels were *Alice's Adventures in Wonderland* and *Through the Looking Glass* which were both written over 150 years ago.

He also wrote some amazing nonsense poems. One of these famous nonsense poems was called *The Jabberwocky*.

If you scroll down you will find an extract of the poem. While reading the poem try to think about how you would answer these questions.

- 1) What do you think a Jabberwock is?
- 2) Would you like to meet one?
- 3) Which words do you not recognise?
- 4) Can you work out what those words mean?
- 5) Can you summarise what happened in the poem?

Once you have read the poem you can use the cartoon strip below to tell the story.

Your challenge is to try to substitute some of the nonsense words for real words!

Verse 1	Verse 2
Verse 3	Verse 4


Maths

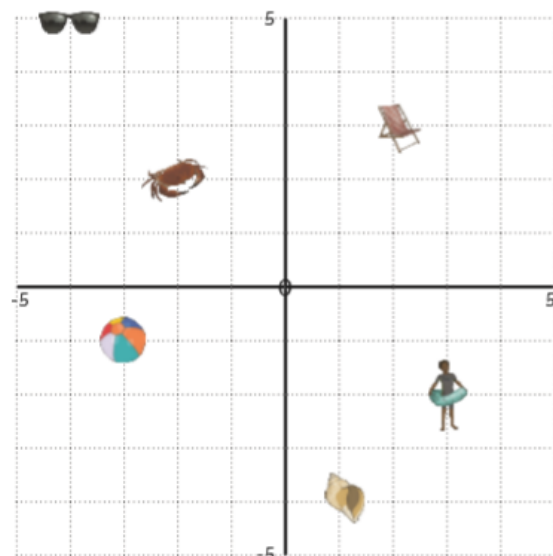
This week we have a Summer themed Maths booklet for you to complete.

There are lots of activities for you to complete including a code breaking problem, a fraction board game and a coordinate and translation problem to solve.

You can choose which ones you would like to try!

3	1	6	5	4	0	8	7	2	9

$\frac{2}{8} + \frac{1}{3}$	$1\frac{3}{9} - \frac{2}{5}$	$\frac{2}{3} + \frac{6}{9}$	$1\frac{9}{10} - \frac{2}{3}$	$\frac{1}{2} + \frac{2}{3}$
$\frac{2}{10} + \frac{3}{5}$				$1\frac{1}{8} - \frac{5}{6}$
$\frac{2}{8} + \frac{1}{2}$				$\frac{1}{2} + \frac{7}{8}$
$1\frac{4}{10} - \frac{1}{3}$				$1\frac{5}{12} - \frac{1}{2}$
$\frac{4}{10} + \frac{4}{5}$	$1\frac{1}{2} - \frac{1}{4}$	$\frac{1}{6} + \frac{8}{12}$	$1\frac{3}{4} - \frac{2}{3}$	$\frac{2}{6} + \frac{5}{9}$



Spellings

This week's spelling tasks require you to complete some editing again!

Attached below you will find 2 sheets – Editing for Spelling Text 3 and Editing for Spelling Text 4 that both have incorrect spellings that you need to find and correct.

Below them you will also find the answers so that you can mark your own work.

Top tips:

1. Read through for common errors (e.g. whith, thay) & grammar errors (e.g. your / you're)
2. Use rules to check spellings (e.g. dimed or dimmed; happiness or happyness)
3. Look out for tricky words that you might need to use a dictionary to check

Topic

Continue to use the Oak National Website.

There is a huge number of amazing lessons to choose from so have a look and see what you find interesting!

There are history lessons, science lessons, music lessons and many more – give it a go!

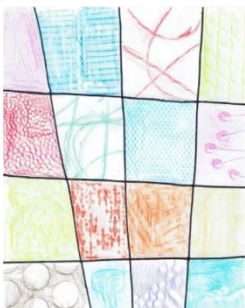
<https://www.thenational.academy/onlineclassroom/year-6/>

Art

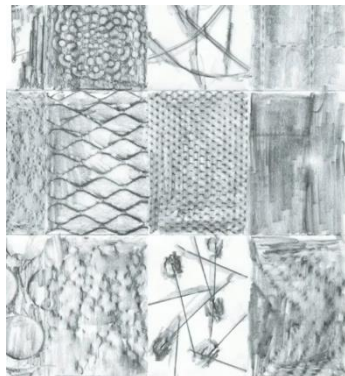
For your Art task this week we would like you to follow a lesson on the Oak National website.

<https://classroom.thenational.academy/lessons/texture-treasure-hunt-94e519>

Texture Treasure Hunt



In this lesson you will create a patchwork from rubbings of textured objects which you find around your home.



We would love to see your creations!

Wellbeing and Mindfulness

Brain Break Breathing

Rainbow Breaths

Stand with your feet shoulder width apart, arms gently resting by your sides. Slowly raise your arms and take a deep breath in. Try to breathe in until your hands reach each other over your head. Breathe out slowly while lowering the hands. Visualize the beautiful rainbow you are making. Repeat 5 - 10 times. Each time you breathe in imagine you are adding another color to your rainbow. What colors are you adding to your rainbow? Once your rainbow is done slowly open your eyes.



Science

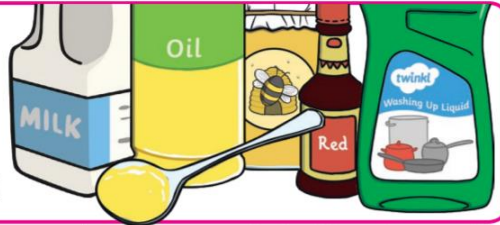
We have attached 2 science experiments for you to try.

Remember you must to ask your adult for permission before starting any experiments!

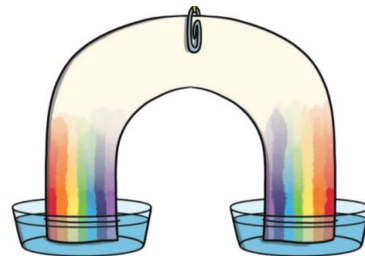
Fun with Density

You Will Need

- Honey
- Milk
- Water
- A Glass
- Vegetable oil*
- Food colourings
- Golden syrup
- Washing up liquid



How to Grow a Rainbow Science Experiment



We would love to see photos of your experiments! 😊

Reading

Jabberwocky

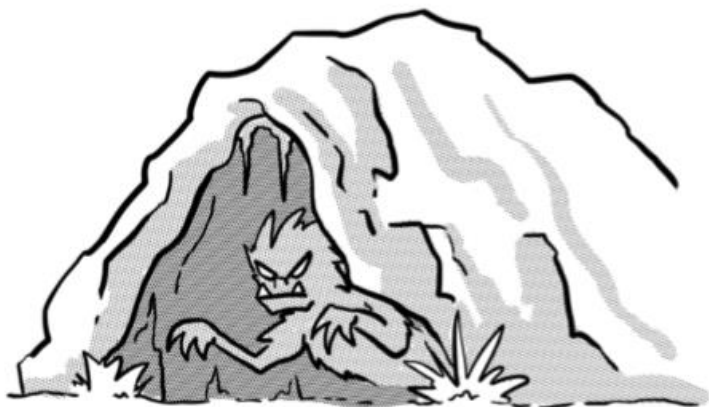
by Lewis Carroll

'Beware the Jabberwock, my son!
The jaws that bite, the claws that catch!
Beware the Jubjub bird, and shun
The frumious Bandersnatch!'

He took his vorpal sword in hand:
Long time the manxome foe he sought—
So rested he by the Tumtum tree,
And stood awhile in thought.

And, as in uffish thought he stood,
The Jabberwock, with eyes of flame,
Came whiffling through the tulgey wood,
And burbled as it came!

One, two! One, two! And through and through
The vorpal blade went snicker-snack!
He left it dead, and with its head
He went galumphing back.



Writing Task: The story of the Jabberwocky

Use the cartoon strip template to tell the story of the poem *Jabberwocky*. Tell the story, including key events and aspects of description. **Challenge:** Substitute the nonsense words for real words that you feel fit the description.

Verse 1	Verse 2
Verse 3	Verse 4

Editing for Spelling: Text 3

Top tips:

1. Read through for common errors (e.g. whith, thay) & grammar errors (e.g. your / you're)
2. Use rules to check spellings (e.g. dimed or dimmed; happiness or happyness)
3. Look out for tricky words that you might need to use a dictionary to check

Underline 6 errors in the text below

'What is this place?' asked Alan.

'It's a funny little rock I stumbled across by axident,' Beth replied. 'It's so remote and unremarkable, I'm not sure many of our kind no about it. Hold tight!'

Beth yanked the controls and the craft lurched to one side. A small metallic lump sailed past them from the direction of the planet, bleeping pathetically. 'What in the black hole was that?'

'Not sure, but I have seen one before. It was trying to land on the next-door planet, but it made such a mess of it that it fell over and conked out. Naturally, I put it upright again and fiddled with its power source, wich seemed to cheer it up, but it really didn't seem to know what it was doing. It just squotted there, scratching around in the dust. Maybe they're for exploration, but it's unbelievable that creatures could be so basic that they haven't even gone beyond their own solar sistem yet.'

Write the corrections below

Think:

- Why must they be spelt like this?
- What do they say at the moment?
- Which rules can you use to help?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Dictionary work

Choose two tricky words that you would need to check the spelling of in the dictionary. Write their definitions below as well as the spelling of at least one linked word (e.g. thought, thoughtful).

Word 1: _____

Definition: _____

Linked word(s): _____

Word 2: _____

Definition: _____

Linked word(s): _____

Top tips:

1. Read through for common errors (e.g. whith, thay) & grammar errors (e.g. your / you're)
2. Use rules to check spellings (e.g. dimed or dimmed; happiness or happyness)
3. Look out for tricky words that you might need to use a dictionary to check

Underline 6 errors in the text below

'Enyway, want to take a closer look at the planet?' Beth asked Alan. 'We just have to be a little careful of all the junk they leave orbitting the place, messy creasures, then we can have a little fun with one of them.'

'Is that wise?' Alan replied. 'Don't they bite, or something?'

'Nah! Stop worrying!' Beth exlaimed. I've done this quite a few times now.'

Resting on his pitchfork under a vast prairy sky, Thaddeus Jackson wiped his hands on his denim dungarees, tipped back the brim of his straw hat and glanced towards the westurn horizon. Night was falling – time to head back to the farm. Tuesday night was bean stew night!

Write the corrections below

Think:

- Why must they be spelt like this?
- What do they say at the moment?
- Which rules can you use to help?

1. _____

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Answers: Editing for Spelling: Text 3

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Answers: Editing for Spelling: Text 4

'Enyway, want to take a closer look at the planet?' Beth asked Alan. 'We just have to be a little careful of all the junk they leave orbitting the place, messy creasures, then we can have a little fun with one of them.'

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Corrections & Explanations:

1. accident – tricky word: cc makes the 'ks' sound in this word

2. know – homophone error: *know* as in *knowledge*

3. direction – rules error: the 'shn' sound is usually spelt 'tion' (Tip: shoot the ti-on)

4. which – common error: Tip: WHICH – contains a hiccup!

5. squatted – rules error: the 'o' sound after 'qu' is often spelt with an 'a'

6. system – tricky word: Year 5/6 spelling list word: the 'i' sound in this word is spelt with a 'y'. Use a dictionary to help check if needed.

Corrections & Explanations:

1. anyway – common error: use a spelling voice to help you: an - y - way

2. orbiting – rules error: the stress is on the first syllable so the 't' does not need to be doubled

3. creatures – rules error: use a 'posh voice' to check: creasure or creature?

4. exlaimed – tricky word: say the word clearly: *ex - claim - ed*. The root word is *claim* so it must contain a 'c'.

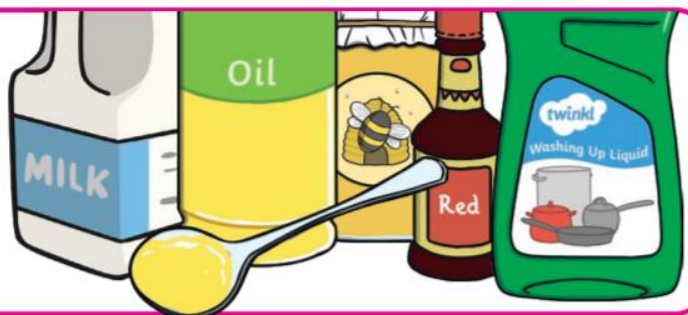
5. prairie – tricky word: the 'ee' sound at the end of a word is usually spelt with a 'y' but this is not a word that most people use very often so it is a good idea to check in a dictionary to make sure

6. western – rules error: the 'urn' sound at the end is spelt *ern*

Fun with Density

You Will Need

- Honey
- Milk
- Water
- A Glass
- Vegetable oil*
- Food colourings
- Golden syrup
- Washing up liquid



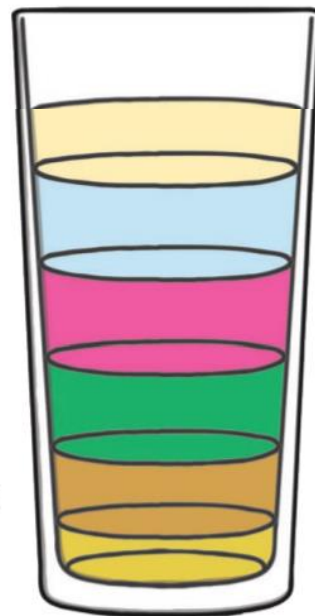
* Please dispose of oil safely and responsibly.

Density is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.

Method

- 1 Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
- 2 Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
- 3 Slowly pour the golden syrup on top, followed by the washing up liquid.
- 4 Then add the milk, followed by the water.
- 5 Finally top with vegetable oil and admire your rainbow glass!



The Science Bit

Each of the liquids have a different mass of molecules or different numbers of parts squashed into the same volume of liquid, this makes them have different densities and therefore one can sit on top of the other – the more dense a liquid is the heavier it is.

Do you think you could float small objects on each of the different levels? We'd love to see a photo if you can.

How to Grow a Rainbow

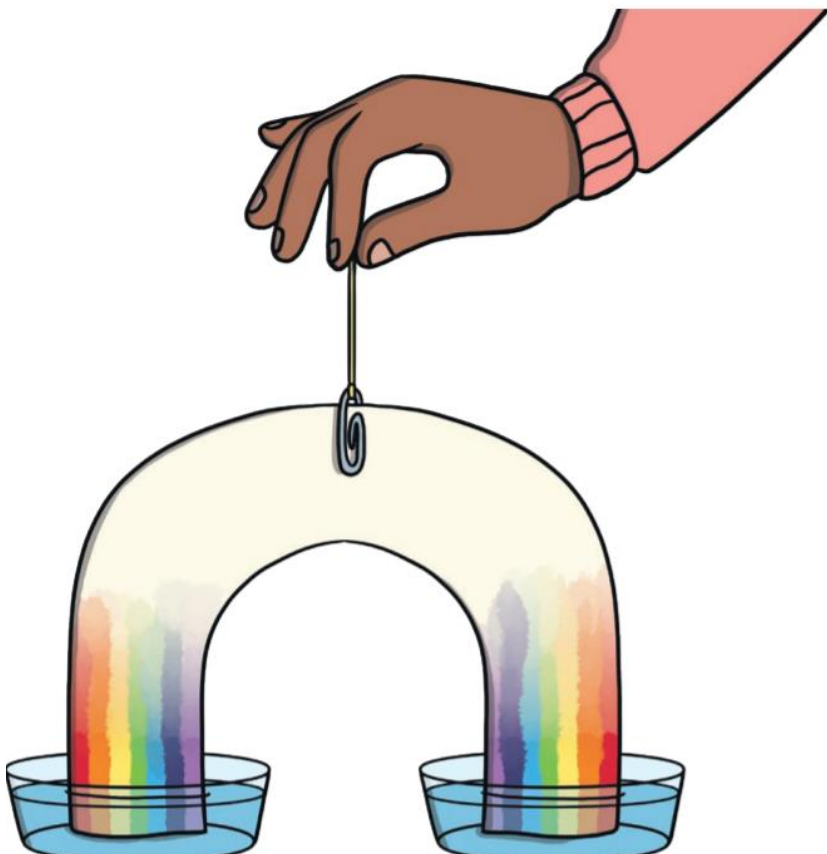
Science Experiment

Did you know that you can grow your own rainbow?

You will need a scientific process called the **capillary action**. This action happens when a liquid moves up through a hollow tube or into a spongy, solid material. It happens when three forces work together: **cohesion**, **adhesion** and **surface tension**.

Water molecules like to stick to each other - this is called **cohesion**. They also like to stick to solids in a process called **adhesion**.

In this experiment, you are going to use kitchen roll. The fibres in kitchen roll have lots of little holes. Water is **absorbed** through the kitchen roll because when the first water molecule **adheres** to it and begins to move upward, it pulls the next water molecule up with it, like a chain.



Words To Learn:

- capillary action
- adhesion
- cohesion
- absorbed

You will need:

- Kitchen roll/paper towel
- Felt-tip pens
- Two small bowls of water
- Paperclip
- Thread

What To Do:

1. Cut the kitchen roll into the shape of a rainbow.
2. At each end, use the felt-tip pens to colour a rainbow about 2cm up from the bottom. Remember the order of the colours: red, orange, yellow, green, blue, indigo, violet.
3. Attach the paperclip to the top of the rainbow and tie a piece of thread to it. This will allow you to hold your rainbow.
4. Add water to the two bowls.
5. Hold the rainbow with both ends slightly submerged into each bowl of water and watch your rainbow grow.

