

Year 6 Planned Work Schedule Week 8 week beginning
Monday 1st June.

- At least 20 mins reading daily. Children can now complete quizzes at home and we will track their scores.
- Times tables to be practised using Ten Ticks.
- Spelling list: Attached on last page (Children to practise daily and can complete a written test on Friday.)
- Specific Tasks are detailed on page 3 to help plan your learning. Education City tasks have multiple activities and learning which can be spread throughout the week.

Science project to be continued this week.

It has been lovely to see the work and other things you have been up to during the time we haven't been able to be together. If you would like to share, please do on ClassDojo. Invites have been sent out.

Dear Children/Parents and Carers,

Keep up the hard work everyone. It has been lovely to see some of your work you have shared. Hope you and your families are well.

Take care, stay safe and God bless.

Miss Stephens, Miss Abela and Mrs Murray



Project work – Science



Over the next couple of weeks, we thought it would be fun to complete a science project. This will involve researching and completing 2 or 3 science experiments and sharing your results/conclusions. We've attached a few examples of experiments. (Make sure you remember safety rules from class and check with adults).

You can choose how you present this project (eg: It could be in a folder with photographs, a PowerPoint presentation or just on sheets), we have included an example of recording for the experiment below. These can be uploaded to ClassDojo and shared with your teacher!)

Why Soap Works Experiment

You will need:

- A bowl
- Some water
- A sprinkle of black pepper (or another spice)
- Liquid hand soap
- A hand towel
- A camera (optional)

In this experiment, you are going to find out why soap works and why it is better than using just water to wash your hands.

In the experiment, the surface of the water in the bowl represents your hands. The pepper represents harmful dirt and germs that need to be washed away.

There are two tests in this experiment. They will show you what happens when you wash your hands with and without soap.



1 Fill the bowl with water, but not all the way to the top.



2 Sprinkle some black pepper on to the surface of the water. You should see the black pepper floating.

There are lots of ideas on Twinkl home science experiments for ideas you can do. There are also lots of ideas and videos on BBC bitesize – this one looks at dissolving materials.

<https://www.bbc.co.uk/bitesize/articles/zky3bdm>

Which solids dissolve in water?

You Will Need

- Water (hot and cold)
- Transparent Containers
- Substances to try and dissolve; sand, sugar, salt, coffee etc



Method

- 1 Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
- 2 Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
- 3 Can you design a chart to record your observation?

The Science Bit

Things like salt, sugar and coffee dissolve in water. They are soluble. They usually dissolve faster and better in hot water. Pepper and sand are insoluble, they will not dissolve even in hot water.



3 **Test 1:** Dip your finger into the centre of the bowl of water. Watch what happens to the pepper and record this.



Dry your hand, then dip your finger into the liquid hand soap.



5 **Test 2:** Dip your soapy finger in to the centre of the bowl of water. Watch what happens to the pepper and record this.

Top Tip

Use a camera to take photos to record what happens to the pepper each time you put your finger into the bowl.



Fireworks in a Glass

You Will Need

- Warm Water
- Oil*
- A Tall Glass
- Food Colouring



* Please dispose of oil safely and responsibly.

This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

Method

- 1 Fill the tall glass with warm water.
- 2 Pour a small amount of oil into another container and add a few drops of food colouring.
- 3 Give it a good stir, if it doesn't mix, add a bit of water.
- 4 Pour the food colouring and oil mixture into the warm water and watch the fireworks!

The Science Bit

Oil and water don't mix. Also oil is less dense than water (meaning there is less of it in the same volume) and therefore floats on top of water in a nice layer. The food colouring we used was water based and therefore does not mix with the oil, instead it sinks through the oil into the water below. Since the addition of the colouring makes the food colouring heavier than the water, it sinks to the bottom leaving trails (resembling fireworks) as some of the colour diffuses into the water.

Fun with Density

You Will Need

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



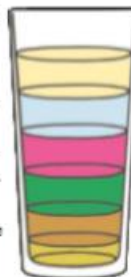
* Please dispose of oil safely and responsibly.

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.

We look forward to seeing your results!



Daily Work - Week beginning 1st June

Week 6	Subject(s) & Task
Monday	<ul style="list-style-type: none"> • English - Education City- Week 8 work • Maths - Education City- Week 8 work • Science- Work can be completed over the next two weeks- made up of four lessons. https://www.thenational.academy/year-6/foundation/what-is-the-theory-of-evolution-year-6-wk1-3 Art: https://www.thenational.academy/year-6/foundation/how-can-we-use-visual-texture-to-add-interest-to-our-artwork-year-6-wk2-5#slide-1 <ul style="list-style-type: none"> • Read and record pages in reading record • 20 minutes on Sam learning in target areas
Tuesday	<ul style="list-style-type: none"> • English - Oak Academy- Setting Description. Reading Comprehension. Lesson 1: https://www.thenational.academy/year-6/english/setting-description-lesson-1-reading-focus-year-6-wk3-1 Lesson 2: https://www.thenational.academy/year-6/english/setting-description-lesson-2-reading-focus-year-6-wk3-2 <ul style="list-style-type: none"> • Maths - Worksheets attached to email for the week. https://whiterosemaths.com/homelearning/year-6/ Lesson 1 <ul style="list-style-type: none"> • Read and record pages in reading record • 20 minutes on Sam learning in target areas
Wednesday	<ul style="list-style-type: none"> • English - Oak Academy- Setting Description Lesson 3- Identifying Key features. https://www.thenational.academy/year-6/english/setting-description-lesson-3-identifying-features-year-6-wk3-3 • Maths - https://whiterosemaths.com/homelearning/year-6/ Lesson 2 and 3 <ul style="list-style-type: none"> • Read and record pages in reading record • 20 minutes on Sam learning in target areas
Thursday	<ul style="list-style-type: none"> • English - Oak Academy- Setting Description. Lesson 4. Key features and SPAG focus. https://www.thenational.academy/year-6/english/setting-description-lesson-4-figurative-language-year-6-wk3-4 • Maths - https://whiterosemaths.com/homelearning/year-6/ Lesson 4 <ul style="list-style-type: none"> • Read and record pages in reading record • 20 minutes on Sam learning in target areas
Friday	<ul style="list-style-type: none"> • English - Oak Academy- Setting Description. Lesson 5. Write your own composition using everything you have learnt this week. https://www.thenational.academy/year-6/english/setting-description-lesson-5-describing-a-setting-year-6-wk3-5 • Maths- https://whiterosemaths.com/homelearning/year-6/ Lesson 5 - Challenge <ul style="list-style-type: none"> • Read and record pages in reading record • Project work-Science experiments continued

Extended Writing - Completed in Extended Writing Books or A4 paper

The Magic Library



Story Starter:

The Great House had many hidden treasures. As a 10 year old girl, many of the rooms were out of bounds for Elsa, but her desire for adventure often got the better of her...

She peeked back over her shoulder to check that the coast was clear. She could hear one of the butlers clattering around in the kitchens at the far end of the hall; no one knew she was there.

She carefully turned the ornate, golden door handle, hearing the mechanism inside clunk, and eased the heavy, wooden door open just enough to slip inside the room.

Immediately, Elsa was bathed in light as it poured down from the circular windows in the ceiling. She could see dust dancing in the beams of sunlight.

With a flutter of excitement inside her chest, she strode confidently into the centre of the room, her shoes click-clacking off the chessboard-like floor. She loved this library - it felt like she was 'in' history. How many lords and ladies had graced this great room? It has stood here for centuries, and Elsa doubted that little, if anything, had changed over the years.

Elsa loved reading, but that wasn't why she had come to the library. She approached one of the golden orbs lined up along the centre of the library floor, and carefully placed her finger on the top. It had worked last time. Would it work again? She longed for the magic to happen, and closed her eyes in silent prayer...

Planning:

Why is Elsa in The Great House?

Why are some rooms 'out of bounds' to her?

How does Elsa feel as she enters the library?

Can you draw a picture of what will happen when the orb in front of Elsa opens?

Some other online resources you can use

Skulduggery Pleasant Audiobook -

<https://www.skulduggerypleasant.co.uk/skulduggery-bites/> - The author is uploading an audio version of his book in parts each day.

Twinkl - Variety of resources for children to work through.

BBC Bitesize - <https://www.bbc.co.uk/bitesize/dailylessons> - Variety of videos and lessons. Also on the red button/iPlayer on BBC channels there are lessons children can watch.

Oak National Academy - <https://www.thenational.academy/> - Online classroom for all year groups. This also includes foundation subject and has daily schedules you can follow.

White Rose Maths - <https://whiterosemaths.com/homelearning/> - Daily 20-30 min Maths lessons you can access. Watch video then worksheets related to the learning video.

The Maths Factor - <https://www.themathsfactor.com/>

Authorfy 10 minute challenge -

<https://authorfy.com/10minutechallenges/> Challenges set everyday by authors.

Audible - Particular children's books have free access.

Harry Potter at home-

<https://www.wizardingworld.com/collections/harry-potter-at-home>



Stars of the Week (s) (From 18/5/20 - 21/5/20)

Reading Stars

Callum Kiersten Laura Nilesh Francis Evie	Theo Mia Nicole Tharuli Konrad Dominik Dara Maddie
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Education City Stars

Adam Aoibhe Ava-Marie Callum Dylan Enoch Evie Francis Jakub Kiersten Laura Lilah Lucie Maja Nilesh Oliver Paulina Lilia Maddie Mia Michael Nicole	Sophia Stanley Vanessa Amel Ava Bartek Christian Cianna Dara Dominik Ellie-May Emma Filip Geovanni Keeva Konrad Mae Oriel Tharuli Theo Tudor Sean
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A big well done to all the children who have accessed Education City and have been working hard with the home learning they have been doing.



Spellings can be tested at the end of the week.

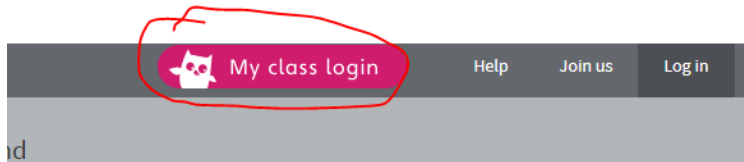
Year 5 and 6 Statutory Spellings

committee
communicate
community
competition
conscience

explanation
familiar
foreign
forty
frequently

As a school we have access to Oxford Owl online. This is the spelling programme we use as a school. We have set up class logins where the children can access some activities.

To access: <https://www.oxfordowl.co.uk/>



Click on this at the top.

Enter log in details.

6HS: User - year6hs

Password - sacredheart

Enter log in details.

6TA: User - year6ta

Password - sacredheart



This is the page you will get. You can access books as well as the Read Write Inc spelling extra practice zone.

Click in Extra Practice zone and children can work through a couple of these to help with their spellings.