



## Year 2 Learning at home: week 12 beginning 15.06.20

NEW!

The Oak National Academy is an online school backed by the government. Recorded lessons, ideas and resources for all primary year groups are available for free and with no login required. If you would like to use these resources either to supplement the Welwyn St Mary's learning grids or just as a change of scene please follow the link below and select for your year group and subjects required.

<https://classroom.thenationalacademy/year-groups/>

HOW	HIGH	CAN	YOU	CLIMB?	
I can organise what I need to use when I am learning and I can pack away when I have finished.	I can get started on my own or with just a little help.	I can concentrate and keep going on a task.	I can set my own learning goals  I can talk about / evaluate my success.	I have good ideas, ask interesting questions and find solutions to problems.	I can talk clearly about what I have learnt and tell someone else about it.
<b>Step 1:</b> get organised.	<b>Step 2:</b> be independent.	<b>Step 3:</b> focus and persevere.	<b>Step 4:</b> set your own standards.	<b>Step 5:</b> be creative and use your initiative.	<b>Step 6:</b> secure what you know.

### Sentences

I can read and write sentences with different purposes

- statements
- questions
- exclamations or commands

and end with a full stop, question mark or exclamation mark.

### Punctuation

I can use commas to separate items in a list

I can use alphabetical order.

### Maths

I can add or subtract 3 single digit numbers mentally.

I can make totals up to 99p and give change up to £1.00

I know the difference between 2d and 3d shapes and can name common shapes.

I can identify shapes with one line of symmetry

**Read aloud to an adult every day.**  
**FREE BANDED READING BOOKS:**  
<https://www.oxfordowl.co.uk/>

**Talk with an adult about your book.**  
Read any book on [oxfordowl.co.uk](https://www.oxfordowl.co.uk) and use the questions in the front and back covers to talk about your reading.

**This week's text is**

Rainbow, rainbows everywhere: <https://www.talk4writing.com/wp-content/uploads/2020/05/Y2-Rainbows.pdf>  
*\*School has made a contribution to this site for use of their resources.*

**Reading and Writing**

Setting out in your book:

Remember:

- Date
- Leave a line
- Title
- Leave a line
- Then get started ....



**Handwriting every day:**

Use the words from your spelling list below to copy out as handwriting practise. This means you are learning 2 things in one go!

*This week is a revision list from the lockdown weeks. Good luck.*

Well done to all who entered the Queen Mother's hand writing competition in April and May. Brilliant news. Good luck!

Remember ...  
Thursday is speed day.



**Monday**

Revise how to use question marks: <https://www.bbc.co.uk/bitesize/topics/z8x6cj6/articles/zcm3qhv>

Read Page 4 of the text 'Rainbows, rainbows everywhere' <https://www.talk4writing.com/wp-content/uploads/2020/05/Y2-Rainbows.pdf>

- Talk about rainbows - there are some ideas to get you started (see the 4 stars).
- Use what you have talked about to help you write answers to the 4 questions on page 4.
- Think of a question you want to ask about rainbows. Write it and use a question mark.
- Check your punctuation and clear handwriting. Give yourself some smiley faces.

**Tuesday**

Read pages 5, 6 and 7 of the Rainbow text <https://www.talk4writing.com/wp-content/uploads/2020/05/Y2-Rainbows.pdf>.

You can listen to the text being read to you by clicking on the audio link.

- Now check your answers from Monday and see if you were correct. Add to or change your answers now you know more facts.
- Make sure sentences begin with a capital and end with a full stop.

### Wednesday

Do you know your alphabet? Even the tricky 'l m n o p' bit? Sing it and check.

- Look at the glossary on page 7 of the Rainbows text. A glossary is written in alphabetical order and explains the meaning of key words. Check to see if this glossary is in alphabetical order. What did you notice?!

### Vocabulary challenge

- Write and draw your answers to the vocabulary challenge on page 8 of the Rainbow text <https://www.talk4writing.com/wp-content/uploads/2020/05/Y2-Rainbows.pdf>

### Thursday

#### Features of a non-fiction text

Do the reading challenge on pages 9, 10 and 11 of the Rainbow text. See if you can find these features in other non-fiction texts either in books or follow the online links. Write down what you found out and review your book using page 11.

### Friday

#### Writing your own non-fiction text

Use pages 11, 12 and 13 of the Rainbow text to help you.

Plan and write about something you know a lot about. Try to include some features of a non-fiction text.

- A title
- An opening sentence that says what the text is about
- A series of facts / explaining information
- Pictures and or diagrams

Ask someone to do your spelling test with you.

- Use your spelling list to write some sentences. Use some questions in your sentences.

# Maths

**NEW!**

You don't have to do all this maths. Here are lots of suggestions so everyone can find something. We've also added ideas for making it harder (or you could make it easier) if you want!

New for this week:

Use the number fluency chart (separate document) to help increase your recall speed for addition number facts.

## Herts for Learning maths games: Try Race to 20!

<https://www.youtube.com/channel/UCsMwexWt3xUZYI0Gjj6jggQ>  
<https://www.youtube.com/channel/UCsMwexWt3xUZYI0Gjj6jggQ>

Keep going with 'Sumdog'

Families: Find out how this helps your child in this article <https://www.ncetm.org.uk/resources/50006>

### Monday

#### Addition and subtraction

Use the number fluency chart (separate document) to help increase your recall speed for addition number facts or

- Roll a dice 3 times and add mentally. Tip: Use make 10 strategies [https://www.google.co.uk/search?ei=R-XXXrHtMZKE1fAPquK5mA0&q=Make+10+strategy&oq=Make+10+strategy&gs\\_lcp=CgZwc3ktYWIQAziECAAAQzIGCAAQBxAeMgIIADICCAAyAggAMgIIADICCAAyAggAMgIIADICCAA6BwgAEEcQsANQgKAFWPupBWCJswVoAXAAeACAAWyiAdEDkgEDNC4xmAEAoAEBqgEHZ3dzLXdpeg&sclient=psy-ab&ved=0ahUKEwjxrKzynObpAhUSQhUIHSpxDtMQ4dUDCAw&uact=5#kpvalbx=\\_oeXXXqgsBqLMxgOi262YCA51](https://www.google.co.uk/search?ei=R-XXXrHtMZKE1fAPquK5mA0&q=Make+10+strategy&oq=Make+10+strategy&gs_lcp=CgZwc3ktYWIQAziECAAAQzIGCAAQBxAeMgIIADICCAAyAggAMgIIADICCAAyAggAMgIIADICCAA6BwgAEEcQsANQgKAFWPupBWCJswVoAXAAeACAAWyiAdEDkgEDNC4xmAEAoAEBqgEHZ3dzLXdpeg&sclient=psy-ab&ved=0ahUKEwjxrKzynObpAhUSQhUIHSpxDtMQ4dUDCAw&uact=5#kpvalbx=_oeXXXqgsBqLMxgOi262YCA51)
- **Make it harder:** Roll a dice 4 times to make a 2 digit number and 2 one digit numbers. Add. Or use a stop watch to work against the clock. Ready, steady, go!

#### **Shape:**

This pack can be worked through during this week: <https://whiterosemaths.com/wp-content/uploads/2019/SoLs/Primary/Spring-Year-2-2018-19-Block-3-FINAL.pdf>

And / or

Search for these 2d shapes around your house e.g. in floor tiles, patterns, pictures:

- circle, square, rectangle, triangle, hexagon, octagon, pentagon
- How many sides do they have each?
- What did you find most? Can you say why?
- Draw one of each shape in your book. Use a ruler for straight edges.

Search for these 3d shapes around your house e.g. in food packs, boxes, toys

- Sphere, cube, cylinder, cone
- How many faces do they have each?
- What did you find most? Can you say why?

### Tuesday

Use the number fluency chart (separate document) to help increase your recall speed for addition number facts or

Add and subtract dice games: <https://www.sowevalleyprimary.co.uk/documents/DiceGames-plus.pdf> or...

- Start at 30. Roll a dice 3 times and take each single digit number away from 30. Tip: use Make 10 strategies.

- **Make it harder:** start at 100. Roll a dice twice to make a 2 digit number. Do this 3 times and take away

**Shape:**

Do all 4 sided shapes look the same? Use a ruler to draw at least 4 different 2d shapes with 4 sides.

Do all 5 sided shapes look the same? What about 6 sides or 8 sides or 3 sides? Can you name these shapes?

Investigate:

Use 18 lollipop sticks (or similar). How many hexagons can you make?

How many octagons can you make?

What other shapes can you make with 18 lollipop sticks?

Mo makes a rectangle using the sticks. How many identical rectangles could he make with 18 sticks?

Make your own rectangle. How many sticks did you use?

**Wednesday**

**Use the number fluency chart (separate document) to help increase your recall speed for addition number facts or**

**Add and subtract card games:** <https://www.scholastic.com/teachers/blog-posts/nancy-jiang/2017/3-Quick-Math-Games-With-Playing-Cards/>

**Shape: symmetry**

**Watch and find out:** <https://www.bbc.co.uk/bitesize/clips/ztpyr82>

Look at the 2d shapes you found and drew on Monday and Tuesday. Are they symmetrical? Draw a line to check.

- Can you draw more than one four-sided shape that has a vertical line of symmetry?
- Which 2-D shapes can be made when a vertical line of symmetry is drawn on a square? Can you make triangles in this way?

**Thursday**

**Use the number fluency chart (separate document) to help increase your recall speed for addition number facts Or**

**Add and subtract card games:** <https://www.scholastic.com/teachers/blog-posts/nancy-jiang/2017/3-Quick-Math-Games-With-Playing-Cards/>

**Shape: symmetry**

**Design your own butterfly**

- Colour 5 squares in your yellow maths book to make a shape. Now colour it's symmetrical other half.
- Repeat with 7 squares and add a face and colours to make a butterfly.

**Friday**

**Use the number fluency chart (separate document) to help increase your recall speed for addition number facts**

**Or**

Add and subtract money games. Choose your level and play: <https://www.topmarks.co.uk/Flash.aspx?f=howmuchleftv2> Make totals up to 99p. Give change up to £1.00. You can make a price list and work out the costs and change yourself.

**Shape:**

Find out about the artist M C Escher. <https://mcescher.com/gallery/symmetry/>

He made the most amazing symmetrical pictures. Look at the shapes he made and how they fit together. This is called tessellation.

You can make your own (it's tricky, get help):

Cut out a square of card

- Cut a small section out of one side. Flip the piece over to fit onto the opposite side. Fix with tape.
- Do the same with the remaining 2 sides.
- Draw around your new shape. Slide it along until the card shape fits into your drawn shape. Repeat to make an Escher pattern.

**Family Challenge:** make your own water music <https://www.youtube.com/watch?v=hoy-6i7ddh8>

### Something Special

How about applying for a Blue Peter badge? Find out how here:

<https://www.bbc.co.uk/cbbc/curations/blue-peter-badges>

We would love to hear how you get on.

**Family challenge project for the week beginning 15.06.20  
'The Human Body'**

***Who would you like to find out? You choose.***

## Science

Have a look on these websites and see what you can discover about your body <https://www.natgeokids.com/uk/discover/science/general-science/15-facts-about-the-human-body/>  
<https://www.natgeokids.com/uk/discover/science/general-science/your-digestive-system/>  
<https://www.natgeokids.com/uk/discover/science/general-science/human-brain/>  
<https://www.natgeokids.com/uk/discover/science/general-science/human-eye/>

Could you do an experiment to look at germs? You could get 5 slices of bread. Each one will need labelling. For the first piece, put it in a bag labelled 'untouched'. For the second piece of bread, touch the bread all over, do not wash your hands before doing so. Label this unwashed. For the third piece, wash your hands thoroughly, then touch the bread all over. This should be labelled washed hands. For the fourth, use hand sanitizer on your hands. For the final piece of bread, wipe it over things like your computer, your TV remote. Put each bag in the same place and observe over a few days what happens. Can you make predictions? Why do you think this happened?

How many bones are in the human body? Can you research and find any animals with the same number or similar? We have the same number of bones in our neck as a giraffe. Can you compare the differences between our bones such as the length, the position of the bones or the flexibility of our necks?

We have 5 senses, sight, taste, touch, smell and hearing. Could you conduct an experiment to see what happens if you have 1 sense that isn't used. You could cover your eyes and see how it feels to walk. You could hold your nose and try to taste different foods, guessing what they are.


Follow this link and explore a wide range of activities. You could find out how to stop the spread of sneezes as well as other activities. <https://www.globalhealthhomeschool.org/activities/>

<https://www.science-sparks.com/breathing-making-a-fake-lung/> Could you create a model lung to see how we breathe?

Can you create your stomach and how it works? <https://www.stem.org.uk/resources/elibrary/resource/35396/digestive-system-experiment>

## History and Geography

In ancient Egypt, bodies were mummified when someone died. Could you have a go at mummifying some fruit? What could you use? What would be the best thing to prevent it rotting? You could try a few different methods and compare at the end.  
[https://www.teachprimary.com/learning\\_resources/view/ks2-science-ancient-egypt](https://www.teachprimary.com/learning_resources/view/ks2-science-ancient-egypt)

<p><b>Art and DT</b></p>	<p>Can you create a self-portrait using different materials? Which one enables you to get the most detail? Pencils? Paint? Why?</p> <p>Can you create a human body out of pasta? You could use different types of pasta to represent different bones. Can you label the parts of the body? If you are in KS2, what else do you know about these parts of the body?</p> <p>Can you create your body using food? This time, think about the organs, you could use a cauliflower for the brain, lychees for eyes?</p> <p>Could you create your own x-ray art? You will need black paper, flour or icing sugar, cotton wool buds or pasta. Lay a part of your body on the paper, this could be your hand. Cover it in flour, remove and see the outline. Then create the bones inside using the cotton wool or pasta.</p>
<p><b>RE</b></p>	<p>Use this link to learn all about Henna hand decoration and how to create the patterns <a href="https://www.art-is-fun.com/henna-hand-designs">https://www.art-is-fun.com/henna-hand-designs</a></p> <p>At the heart of the Buddhist faith is the ability to meditate and appreciate the moment (mindfulness.)</p> <p>Use this link <a href="https://www.ltl.org.uk/free-resources/">https://www.ltl.org.uk/free-resources/</a> and click on Buddhism lesson idea to create a miniature Zen garden, a Labyrinth or a Mandala and enjoy being present in the moment. Take time to just be.</p>  <p><a href="#">https://www.ltl.org.uk/free-resources/</a> Upload your pictures onto Purple Mash and tell us how it made you feel.</p>
<p><b>Music</b></p>	<p>Can you use different parts of your body to create music? You could use your hands, your feet, your voice. What about your legs? What about your cheeks? Could you record yourself creating music with your body?</p> <p>Watch clips of Stomp (they are a percussion group that uses parts of their bodies to make music and also everyday objects like brooms) <a href="https://www.nigelclarkepresenter.co.uk/stomp-play-annos-africa-charity-gig/">https://www.nigelclarkepresenter.co.uk/stomp-play-annos-africa-charity-gig/</a> scroll down the page to click on the video.</p> <p>Could you learn the words to Heads, shoulders, knees and toes? Can you change the body parts? Can you miss one each round? <a href="https://www.youtube.com/watch?v=fvEtwhui1k0">https://www.youtube.com/watch?v=fvEtwhui1k0</a></p>
<p><b>Other ideas</b></p>	<p>Sensory games: play games which use your senses.</p> <p>Make a feely box/ feely bag, get someone to hide an object in it. Can you use your sense of touch to work out what it is? Get</p>

someone to blindfold you then listen to them make a noise. Can you work out what the noise is without seeing it? Play 'There's a monster in the garden' with a blindfold. Can you work out who was speaking in a funny voice? Play 'Blind man's bluff' Try to work out what you can taste or smell when you are blindfolded. Did you guess correctly? How do people who are deaf communicate? Learn some simple sign language starting with letters of the alphabet at <https://www.youtube.com/watch?v=IYhAAMDQI-Q> Then join in with Jack Hartman to 'see it, say it, sign it' <https://www.youtube.com/watch?v=WP1bIVh1ZQM> Optical illusions are fun to try and work out. Take a look at this site <https://kids.niehs.nih.gov/games/riddles/illusions/index.htm>

Also try Forest Bathing to explore your senses. <https://www.itl.org.uk/free-resources/> Scroll down until you find 'Forest Bathing' and click on the tab. 'It is simply spending time in and with nature, letting it invade our being using all of our senses. It is good for your health and wellbeing - encouraging the children to use mindfulness to absorb their surroundings.' When you get home you could draw a picture and write about all the things you experienced. Get creative and make a picture using natural materials (twigs, leaves, stones etc) or even write a poem.

Here are some books linked to the human body. Could you read them then make your own information book?

<https://www.oxfordowl.co.uk/api/interactives/12969.html> – Your body, Inside out

[https://www.oxfordowl.co.uk/api/digital\\_books/2098.html](https://www.oxfordowl.co.uk/api/digital_books/2098.html) – What's inside me?

[https://www.oxfordowl.co.uk/api/digital\\_books/1464.html](https://www.oxfordowl.co.uk/api/digital_books/1464.html) – What's that noise?

<https://www.oxfordowl.co.uk/api/interactives/26343.html> – A hole in my tooth

## Challenge

Can you design a book token? You could win £10 for all of your class. <https://www.nationalbooktokens.com/create-a-national-book-token-for-your-class>

[See below for the Virtual Pentathlon – you could upload your scores to Purple Mash for us to share with Mr O'Neil](#)

[Website links – activity 1 -https://www.youtube.com/watch?v=\\_JlpNSOp8x8&list=PL6DK6xTdLkmwBkVBUkZZ2L\\_oTT6VXErNO&index=2](https://www.youtube.com/watch?v=_JlpNSOp8x8&list=PL6DK6xTdLkmwBkVBUkZZ2L_oTT6VXErNO&index=2)

Activity 2 – <https://www.youtube.com/watch?v=tf7YG9xwscA&feature=youtu.be>

Activity 3 – [https://www.youtube.com/watch?v=20d\\_MA76CdQ&list=PL6DK6xTdLkmwBkVBUkZZ2L\\_oTT6VXErNO&index=4](https://www.youtube.com/watch?v=20d_MA76CdQ&list=PL6DK6xTdLkmwBkVBUkZZ2L_oTT6VXErNO&index=4)

Activity 4 – [https://www.youtube.com/watch?v=jB1NWH0qpTA&list=PL6DK6xTdLkmwBkVBUkZZ2L\\_oTT6VXErNO&index=5](https://www.youtube.com/watch?v=jB1NWH0qpTA&list=PL6DK6xTdLkmwBkVBUkZZ2L_oTT6VXErNO&index=5)

Activity 5 - [https://www.youtube.com/watch?v=\\_Vu554a26Dg&list=PL6DK6xTdLkmwBkVBUkZZ2L\\_oTT6VXErNO&index=6](https://www.youtube.com/watch?v=_Vu554a26Dg&list=PL6DK6xTdLkmwBkVBUkZZ2L_oTT6VXErNO&index=6)

## Spelling groups

<b>Blue group spellings: Revision</b>		
door floor poor because find kind mind behind child children wild climb	most only both old cold gold hold told every everybody even great another	<b>Practise spelling by writing the words into sentences.</b>
<b>Green group spellings: Revision</b>		
door floor poor because find behind child wild climb	both old cold gold	<b>Practise spelling by writing the words into sentences</b>

**Red group spellings: Revision**

children  
other  
door floor  
poor

most only

**Practise spelling by writing the words into sentences.**



# Sundog at WSM!



**Need help?? Email the school magazine email address with your questions and we will try to help.**

- The username is **your first name and first letter of your surname** e.g. Joe Bloggs= joeb

If this username does not work it may be because you have the same name as another child in school. Try adding a 1 at the end e.g. **Joe Bloggs = joeb1**

- The password for your account is WSM. This will be changed and made more secure once we all return to school.
- The school code is **welwynst**.

**We have set challenges on Sumdog. Earn points to get rewards.**

**Download the APP for free and start playing and having FUN, FUN, FUN!!**