# Learning at Home

**Week Commencing: 12**

## English

### Daily activities
- Watch Newsround: [https://www.bbc.co.uk/newsround/news/watch_newsround](https://www.bbc.co.uk/newsround/news/watch_newsround)
- Read a book and talk about it with someone at home
- For a fun and lively workout why not try: [https://www.jumpstartjonny.co.uk/home](https://www.jumpstartjonny.co.uk/home)

### Character creation
Create your own amazing character. Draw a picture of your character (could be a monster, a boy, a girl or anything, let your mind be creative) then describe what this character is like.

## White Rose Maths

### Year 3
This week’s focus is: Angles and Shapes  
[https://whiterosemaths.com/homelearning/year-3/](https://whiterosemaths.com/homelearning/year-3/)

### Year 4
This week’s focus is: Money  
[https://whiterosemaths.com/homelearning/year-4/](https://whiterosemaths.com/homelearning/year-4/)

## Science

- Watch the video about our solar system.  
  [https://www.youtube.com/watch?v=libKVRa0l1g](https://www.youtube.com/watch?v=libKVRa0l1g)
- Either make a 3-d model of the solar system or sketch it.  
  [https://www.youtube.com/watch?v=xgy6TWuUkK0](https://www.youtube.com/watch?v=xgy6TWuUkK0)

## RE big question:
What does a lack of compassion mean?  
Daniel 9:9 "The Lord our God is merciful and forgiving, even though we have rebelled against him."

- Watch this YouTube clip and discuss with somebody at home  
  [https://www.youtube.com/watch?v=xgy6TWuUkK0](https://www.youtube.com/watch?v=xgy6TWuUkK0)

## Spelling
Practise your spelling for 20 minutes.  

## Times tables
Practise your multiplication tables for 20 minutes.  
[https://ttrockstars.com/](https://ttrockstars.com/)

## Topic:
Create a list of the top 10 places you’d like to visit around the world. Include why you’d want to visit those places.

## PSHE:
| **Create a list of all the books you’ve read and rank them from your favourite to your least favourite.** |
| Complete the word problem sheet below. Use this link if you need some help: [https://www.bbc.co.uk/bitesize/articles/zkm6dp3](https://www.bbc.co.uk/bitesize/articles/zkm6dp3) |
| It’s a strange time at the moment but things seem to be getting better. It’s still ok to worry though. Write your worries on to a piece of paper and create your own worry jar. [https://www.youthdynamics.org/the-worry-jar/](https://www.youthdynamics.org/the-worry-jar/) |
| **Creative Writing**  
Let your creative side flow and write a story using the picture. (pg 3)  
There is a story starter to help you. |
| **Measure**  
If you were to keep 2 metres apart, how many people could you fit in each room of your house? |
| **PE:**  
Jump start your day with Jump Start Jonny. [https://www.jumpstartjonny.co.uk/home](https://www.jumpstartjonny.co.uk/home) |
| **Reading**  
Complete the short reading comprehension on seeds and weeds. |
| Put your skills to the test and choose a game to play  
[https://www.topmarks.co.uk/maths-games/7-11-years/shape-position-and-movement](https://www.topmarks.co.uk/maths-games/7-11-years/shape-position-and-movement)  
[https://www.topmarks.co.uk/maths-games/7-11-years/measures](https://www.topmarks.co.uk/maths-games/7-11-years/measures) |
| **Computing:**  
Being safe online is super important. List 5 things you should do to make sure you’re keeping safe online. Share these 5 things with somebody from your house and see if they can come up with 5 of their own. |
Story starter!

- It was that time again... Our annual surfing trip to Devon. While my parents packed up the suitcases and loaded up the car for the long journey ahead, we chatted excitedly about what an incredible holiday this was going to be!

- Not too long into the journey, the beautifully clear, blue sky became dark and ominous. All of a sudden, crashing towards the long line of traffic, was a colossal wave – not the kind you’d want to catch on a board either...

- Desperately, people raced wildly out of their cars, running, screaming and panicking yet as I looked to my left, I saw a man...
How Weeds Get Everywhere!

How come weeds get everywhere in our gardens? One minute your lawn can be lovely and green and the next minute it’s covered — and I mean covered — in dandelions! Well, it’s all to do with the clever way that plants spread their seeds to keep making more plants.

Making the Seeds

So, how do the plants make so many seeds? Most plants are made up of some female and male plant parts. Bees and other insects come to the flower because they smell nice and have lovely colours. While the bees are in the flower, they help move pollen around to fertilise the plant. Sometimes even the wind can help with moving the pollen around to the right places. Once the plant is fertilised, the seeds can grow. When this happens in a dandelion, the yellow flower turns into what we call a dandelion ‘clock’. If you look closely at a dandelion clock, it is full of dark coloured seeds with light, feathery, white tops that look like umbrellas.

Fact File

- A weed is only a plant that someone does not want in their garden. They can be very pretty!
- Nettles can be used for making tea and medicines, so they are really useful.
- The world’s largest weed is giant hogweed. It can grow up to 3.65m in height and have leaves that measure 91cm long.
- Some people think that if you hold a buttercup under your chin and the yellow reflects on your skin it means that you like butter.

Spreading the Seeds

So, how do the seeds get everywhere? This is the clever bit...

As we said before, dandelions make lots and lots of seeds that look like umbrellas. This makes the seeds really good at floating and flying through the air. So, all they need is the wind to carry them off to another part of the garden, or sometimes even further. Before you know it, there are hundreds of seeds all over your lawn. These seeds are all ready to germinate and make yet more dandelions. Other flowers and plants have other clever ways of spreading their seeds, including putting them inside tasty fruit so that animals eat them. Eventually the seeds come out of the other end in their poo and start to germinate!

1. What is the name of the world’s largest weed?

2. Which animals can move pollen around in the flower?

3. What are the dark-coloured objects that you can see in a dandelion clock?

4. What is a good thing that nettles can be used for?

5. What makes dandelion seeds good at floating in the air?

6. What do some people think it means if a buttercup reflects yellow under your chin?

7. How tall can the largest weed grow?
<table>
<thead>
<tr>
<th>Addition and subtraction problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Alan spent £2.60 at one shop and £3.70 at another. How much did he spend altogether?</td>
</tr>
<tr>
<td>2. How much change do I get from £5 if I spend £1.80?</td>
</tr>
<tr>
<td>3. How much change do I get from £5 if I spend £3.65?</td>
</tr>
<tr>
<td>4. Jill spent £4.35 at one shop and £6.90 at another. How much did she spend altogether?</td>
</tr>
<tr>
<td>5. A shopkeeper bought a toaster for £17 and sold it for £24. How much profit did he make?</td>
</tr>
<tr>
<td>6. Find the profit on a book that cost £8.50 and was then sold for £14?</td>
</tr>
<tr>
<td>7. Find the profit on an article that was sold for £32.40 that had cost £23.60.</td>
</tr>
<tr>
<td>8. A stereo costs £24.95 and a further £2.40 delivery charge. Find the total cost.</td>
</tr>
</tbody>
</table>