



**Park Community Academy – Key Stage 3**

**Class 3GR**

**Summer Term Home Learning Activities Weeks 9&10**

**Please find a list of activities that your child could complete over the next 2 weeks.** Lessons are also available to watch and take part in on: <https://www.thenational.academy/> and <https://www.bbc.co.uk/bitesize> throughout each day.

**THE OAK NATIONAL ACADEMY HOLDS AN ASSEMBLY EVERY THURSDAY MORNING AT 11AM IF YOU AND YOUR CHILD WOULD LIKE TO JOIN AND WATCH JUST GO TO THE ABOVE WEBSITE**

Please can you share what you've been doing with your teacher, send a photo or video of your work to [3GR@park.blackpool.sch.uk](mailto:3GR@park.blackpool.sch.uk) (class email) by Friday each week.



**Don't forget to use home learning on:** RMeasimaths (daily), Bug Club (daily) Education City and Frog Play.



**English**

- Keep a diary of your time safe at home (this can be a weekly task for you to do each week).
- Watch newsround each day to understand what is happening around the world
- Read firstnews newspaper

Additional English activities have also been sent by your teacher.

**Maths**

- Organise a daily snack shop with prices and let children buy their snacks with money parents have provided them with
- Estimate how many burpees/star jumps/hops each member of the family can complete in one minute. Set a timer on a phone or iPad and see how close your guesses were.

Additional Maths activities have also been sent by your teacher.

**Science**

Simple experiments you could do at home:

‘Somewhere over the rainbow’

**(Please see experiment on second sheet)**

**Computing**

- Jump onboard the Asteroid Blaster space-ship, play the game and learn all about variables.  
<https://barefootgames.org/asteroid-blaster?ref=https://www.barefootcomputing.org/homelearning>

**History/Geography**

Geography- Have a go at World Geography Games - can you identify the flags, continents, oceans of the World? <https://world-geography-games.com/world.html>

Use some playdoh and create your own structure of the Earth <https://www.playdoughtoplato.com/layers-of-the-earth/>

**PHSE (including life skills)**

- Take part in a family games night with board games.
- Take part in a family cinema night.
- Make a ‘memories’ can of all the fun things you did with your family during lock down.
- Make a ‘what will we do’ box full of ideas of fun things to do and places to go when everywhere is re-open.
- Learn a new life skill with help from a family member.

### Art

Hidden letters project - Wax resist  
Using a white wax crayon write/draw your words/name/design onto a sheet of white cartridge paper. Next take some watercolour paint, and light brush over the words/design, and watch it magically appear!



### Physical Activity (PE)

- Joe Wicks morning workout on YouTube at 9am).
- Attempt the PCAbeactive challenges put on Twitter by Mr Johnson and Mr Whittaker each week
- Make sure you take part in our PCA sports Day at home...keep practising those skills that Mr J and Mr Whittaker keep showing you on the Twitter feeds.
- Can you throw the ball into different sized containers (use buckets or plant pots) which are spaced out around your garden or a clear room in your house? Can you make it harder by moving the containers further away from your starting position?

### Drama:

Choose a Musical of your choice & Review it!

There are plenty of Musicals streaming

FREE ONLINE through Andrew Lloyd Webber –

‘The Shows Must Go On’ Full performances every Friday at 7pm – which will be available for 48 hours!

<https://www.youtube.com/channel/UCdmPjhKMaXNNeCr1FjuMvag>

### Science Experiment:

#### Somewhere Over The Rainbow



##### What you need:

- A glass or clear plastic cup
- Water
- Red food colouring
- Runny honey
- Vegetable or sunflower oil
- Washing up liquid
- The oil and food colouring can cause stains and damage fabric, so be careful.

##### How to:

- Squeeze or spoon some runny honey into the bottom of the glass until it is 2-3cm deep. Tip the glass slightly and slowly squeeze the same amount of washing up liquid down the inside of the glass (avoid making bubbles).
- In a jug, add a few drops of red food colouring to a small amount of water.
- Again, tip the glass and **very carefully** pour the coloured water in to the glass. Make sure you dribble it down the side so that it doesn't mix with the washing up liquid.
- Finally, tip the glass and gently pour the same depth of oil down the inside of the glass.
- Stand the glass upright and admire your liquid rainbow.

##### What is Happening?

The different liquids all have different densities.

- Density means how much "stuff" there is in something. Not the thing's weight nor its size, but how many atoms it has in it.
- For example, if you had a shoe box full of feathers and another full of stones, which would be heaviest? It would be the one full of stones.
- Although both boxes are the same size, the box full of stones has a lot more "stuff" stuffed into it, whereas the box of feathers is mostly air.
- We say the stones are **denser** than the feathers.
- So in our liquid rainbow, honey is the densest layer and sits at the bottom of the glass, then the washing up liquid comes next and floats on top. The honey is also very viscous (thick) which stops it mixing, but we'll deal with that another time).
- The layer of coloured water is less dense than the washing up liquid, and finally the oil is the least dense of all and floats on top. Voila! A rainbow in a glass.
- Just, whatever you do, **don't** try drinking it!

### DT:

Have fun in the kitchen baking with the family. Remember to try and get the balance right not too many cakes and treats make some healthy meals too. We would love to see your photos and share them online. Please email

[clare.jackson@park.blackpool.sch.uk](mailto:clare.jackson@park.blackpool.sch.uk)

