<table>
<thead>
<tr>
<th>English</th>
<th>Maths</th>
</tr>
</thead>
</table>
| **Science – Properties and changes of material**
- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Demonstrate that dissolving, mixing and changes of state are reversible changes.
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.
The magical shop can travel back in time to any place. Choose a period of history to travel back to and find out about. Imagine the shop has landed in the middle of an event or place and you can explore what is going on.
- Research and produce a fact file/poster about this period of time in history.
- Write a diary entry imagining you are the shop keeper. You leave the shop and are in the middle of a special event in history.
You can choose from the following examples below or go back in time to a period of history you want to find out more about. Repeat this activity and take the Emporium back in time to a range of different historical events. The history section on BBC Bitesize is very useful: [https://www.bbc.co.uk/bitesize/topics/zcw76sg](https://www.bbc.co.uk/bitesize/topics/zcw76sg)
**Examples:**
- Queen Elizabeth II coronation 1953 (include information about the Royal Family).
- D-Day landings 1944
- A feast with King Henry VIII in 1500s
- The first Olympic Games with the Ancient Greeks

**Science**

**History**

**BBC Bitesize have excellent videos:** [https://www.bbc.co.uk/bitesize/topics/zrvycdm](https://www.bbc.co.uk/bitesize/topics/zrvycdm)

Hamilton trust have some good scientific investigations you could carry out:

**Espresso have some good videos and activities:** [https://central.espresso.co.uk/espresso/modules/subject/index.html?subject=862674&grade=ks2&source=espresso-home-keystage2 subjects](https://central.espresso.co.uk/espresso/modules/subject/index.html?subject=862674&grade=ks2&source=espresso-home-keystage2subjects) (use the log in Username: student19254 Password: Westbrook)

**Hamilton Home Learning**

- Some fun science experiments you can do at home:

**White Rose Maths Hub**

- [https://whiterosemaths.com/resources/classroom-activities](https://whiterosemaths.com/resources/classroom-activities)

- [https://whiterosemaths.com/homelearning/year-5/](https://whiterosemaths.com/homelearning/year-5/)

- The Nowhere Emporium is shop that sells lots of weird and wonderful things. Design a shop front for the Emporium, imagining it was to be a new shop on Horsforth Town street. What would the sign look like? What objects would be in the shop window? How will you make your shop look magical? Write a descriptive paragraph to go with your design which explains what the shop is like from the outside. Include sounds, smells, sights (sign, window, door), movement from inside.

- The shop is not like any normal shop. It has ‘Wonder’ rooms which customers can explore; for example, an underwater world, life-size game of chess, land of dinosaurs, books which spill real stories-characters/worlds, flying machine... Invent your own wonder room and give it a name. Be imaginative. Write a description and draw pictures to go with it. Think about: What is in your room? What can you do in your room? What makes your room special? Does your room have a theme? Write a diary entry of someone entering and exploring your room. Describe from the minute the door creaks open. Begin, ‘I turned the handle and...’ Diary entries must be in first person (I, me) and can be written in an informal style.

- Write an adventure story about your wonder room. This should be in 3rd person (he, she, they). You will need to use paragraphs. At the beginning, you will need to introduce the characters, set the scene and enter the room. In the middle, you must take your characters on an adventure. Maybe there is a hidden danger e.g. oxygen tank could run out when locked in the underwater world and you must find a key or you must win the chess game to be able to exit or a volcano erupts in the land of dinosaurs. At the end, you must decide how your characters overcome the challenge and escape the room. Take time planning and preparing sentences to build up to your final story.

- Pobble 365 has a new escape the room. Take time planning and preparing sentences to build up to your final story.

- Hamilton Home Learning - this has a day-by-day series of activities to develop reading comprehension, grammar knowledge and writing skills.

- Year 5 MTP skills, knowledge and understanding – summer 2 home learning - Please email photos/attachments of your work to our class email (year5@westbrooklane.leeds.sch.uk)
### Geography - biomes
The shop can also travel to any place around the world. We are going to explore different biomes. Biomes are areas of our planet with similar climates, landscapes, animals and plants (rainforests, deserts, savannahs, grasslands, tundra). Examples: Kalahari Desert, Antarctica, Amazon rainforest.

- Choose a biome for the Emporium to visit.
- Design and create a travel brochure/leaflet for this place. Include its location, weather/climate, habitats, wildlife, plants, what you can do there, who might visit...
- Produce a poster which explain what biomes are. Use pictures and examples of different biomes.

### Computing: PowerPoint presentation
Use your skills on PowerPoint to create a presentation ‘All about me’. Imagine you are going to present this to your buddy next year. Tell them all about you including family, friends, hobbies, favourite foods, favourite place to visit, games you like to play, all about Westbrook Lane, things to know about Reception... etc. You must have at least 8 slides and some animation.

### Design and Technology:
- Design and make an object to sell in the Emporium. This could be a board game, a toy, a bookmark, a teddy, a sock puppet...etc.
- Remember to design your object first, labelling materials you need.
- Make a step by step plan as to how you will make your object.
- Make it and then evaluate. Did it go to plan? Is your object appealing? Does it work? Would it sell?
- Design and make packaging for your object, ready to be sold.
- Design and make an advert, persuading people to buy your object.

### French - 2 new units
Use the French units on KS2 Espresso ‘Le monde’ and ‘On mange’ https://www.discoveryeducation.co.uk/
Username: student19254
Password: Westbrook
For each unit:
- Revise/learn the phrases in the Talking Dictionary
- Watch the Videos (as many times as you need to)
- Do the Activities (repeat as needed to improve scores) and the Things to do sections
- French is best done little and often E.g.3x 15min sessions a week would be ideal!

### PE
Continue to use your circuit/home workouts daily and stay active.

Dance - perform dances using a range of movement patterns. Put on your favourite music and make up a dance routine! Teach it to others in your house.

Please see the new whole school art challenge on the school website – this has also been sent via Twitter.

Kapow primary is an excellent site for art. There is a free year 5 unit about architecture which has some good ideas:
https://www.kapowprimary.com/subjects/art-design/upper-key-stage-2/year-5/formal-elements-architecture/

### RE continued: Different faiths
Explore the RE page on Espresso.
https://www.discoveryeducation.co.uk/
Username: student19254
Password: Westbrook
Choose one of the faiths (Christianity, Buddhism, Islam, Sikhism, Hinduism or Judaism) to research and find out about. Create a fact file/PowerPoint/leaflet/information page all about that faith. Include key information about their beliefs, special places and books, special festivals/celebrations etc. You can include drawings or other creative elements. You could do this for more than one faith, or even all of them to make a booklet.
Useful link - https://www.bbc.co.uk/bitesize/subjects/z7hs34j

### Music continued
Charanga - an activity of your choice from the website.

It is possible to set up an individual login for your child with year group appropriate resources so please email website@westbrooklane.leeds.sch.uk if you would like access.
Link - https://www.leedscharanga.co.uk/

### Independent Project Focus: Horsforth Project (sent out previously)
BBC Bitesize daily lessons - https://www.bbc.co.uk/bitesize/levels/zbr9wnn covering all subject areas