**Home School Projects**

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| Year Group | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| N | Pumpkin Carving | Winter Walk | Design and make a vehicle | Grow cress or a bean at home | Create an Underwater Scene | Learn and video yourself singing a song about People who Help US. |
| R | Design and make a sandwich  (Little Red Hen - DT) | Record a video about a nocturnal animal | Make a map to show Little Red Riding Hood’s journey through the forest. | Timeline - changing me | Design and Make a Bear | Signs of Spring Insect Hunt |
| 1 | The History of our School  Research the school and the local area  Examples: fact files, interviews, maps | Seasonal Changes  Changes from Autumn to Winter  Examples: Winter walk, description, poem, Art | Abstract Art  Creating a piece of work in the style of Picasso  Examples: collage, mixed media, loose parts, fact files | DT  Freestanding Structure  Design and make a playground / playground equipment. | Family Tree | Design and make a Healthy Picnic |
| 2 | History - Black History Month  Rosa Parks - A diary entry of the day she was arrested (this could be written or recorded verbally) | Geography - Beyond The School Gate  Draw a map of your journey to school adding physical and human features using a key. | Science/DT - Recycled Materials  Design and make a sculpture from recycled materials.  (Give design sheet) | Science - Plants  Plant a bean and keep an observational diary recording height and appearance | Art - Sculpture  Design and create a sculpture in the style of Grayson Perry using objects in your house. Evaluate your work. | D&T/PSHE - Cooking  Design and make a healthy sandwich and evaluate it with your family (what was good? How could it be improved?) |
| 3 | History - The Stone Age  Stone Age- Shelter Building from Natural Resources. | Geography - What’s in a Region?  Three Peaks Challenge - Fact File with template to map the regions of the Three Peaks and  locating the highest peak of each of the mountains. | Geography - Farm to Fork  Children identify the location of where the food in their fridges has originated from. Children choose a particular food to map the journey of. | Science  Sunflower Project/ Diary/ Journal  Children can design their own planter for sunflowers using recycled materials. | Art  Collage/ Painting  Dali | DT/ Geography and Science  Model Volcano |
| 4 | History  ANCIENT GREECE  Areas to consider researching and writing about:  1) Who were the Ancient Greeks? Where were they?  2) Daily life in Ancient Greece for men, women and children. Consider slaves too.  3) Clothing worn in Ancient Greece.  4) The Olympic games and their origins.  5) Where did the marathon distance come from?  6) Differences between Athens and Sparta.  7) Gods and Godesses.  8) The Trojan War. | Geography  OUR WORLD  Create your own map of the world or 3D model:  (\**School provides tracing paper for layers*) Build up \*layers progressing through the following:   1. Continents and Oceans 2. Latitude and Longitude: Marking on Equator and Tropics, Prime Meridian 3. Mark basic climate zones 4. Bonus Dojo Challenge: Mark on Timezones, then the areas furthest ahead of GMT (Kiribati +14) and furthest behind GMT (United States minor outlying islands -12) | Science  ELECTRICITY   1. THEN and NOW: Common appliances that run on electricity and comparing these to their equivalent before we had electricity e.g. electric car / horse drawn carriage, LED lights / candles etc 2. Which materials are conductors and insulators? Why is insulating and conducting important? 3. Identifying and naming the basic parts (components) of a simple electrical circuit, including: cells,   wires, bulbs, switches and buzzers   1. How to draw simple electrical systems including simple circuits with bulbs, buzzers and switches (each has its own symbol) 2. Safety tips around using electricity 3. Researching RENEWABLE and 7) NON-RENEWABLE sources of energy and the pros and cons of these... | Art  POINTILLISM  Famous skylines using the Pointillist/Impressionism technique, taking inspiration from the work of Seurat and Van Gogh | Computing  DIGITAL LITERACY and INFORMATION TECHNOLOGY  PIXELATED GRAPHICS: Use a spreadsheet to create a mosaic of a popular character e.g. Mario (8 bit) Pokemon or an everyday object or food e.g. an apple  <https://www.digitalschoolhouse.org.uk/workshops/paint-by-pixels>  Pupils can use own Google Logins to access ‘*Google Sheets*’  *Open Office also has free spreadsheets*. | DT  HEALTHY and VARIED DIET     1. Plan a healthy, balanced menu for a three course meal. Ensure representation of each key food group:  * fruit and vegetables. * potatoes, bread, rice, pasta and other starchy carbohydrates. * beans, pulses, fish, eggs, meat and other proteins. * dairy and alternatives. * oils and spreads.  1. Present your menu digitally or on paper 2. Film or photograph yourself preparing, cooking and eating your delicious meal with your family. |
| 5 | **Black History Project**  Research Katherine Johnson and Mae Jemison - Linked to Earth and Space topic in Science. | **Geography - Rivers**  Free research project on Rivers in preparation for Spring term (children can choose a world river to research) - linked to Geography topic. Children can choose to present information as posters, fact files etc. | **Art - Create your own mask!**  In Art, we will be looking at the artist Peggy Bierkan. In preparation, children will design a mask that represents them as an individual. What is important to you? Also linked to PSHE. | **Maths Easter Project**  Children will design and create their own Easter themed board games. However, their game design must include mathematics! | **Musical Science!**  Children will be challenged to design and make music using household items! This can be in the form of recording a musical piece at home using household objects or creating an instrument from household objects that can be brought into school. | **PE - Get active!**  Get fit with the family! Children are to design and test their own fitness circuits. Children will be provided with examples that they can adapt to make their own. |
| 6 | **History**  Research the impact of World War 2 on Liverpool | **Science**  Map your immediate family tree | **Art**  Create a landscape art piece using whatever medium you choose. | **Music**  Music and identity - Research and create a digital presentation on an inspirational musician | **RE**  Buddhism - Research the Dalai Lama and produce an information leaflet (on Seesaw or on paper) | **Geography**  Orienteering - Create your own map of an imaginary city using map symbols and directional instructions. |