

## Heygarth Primary School - Long Term Curriculum Map - Design Technology

|        | Autumn 1                                                                                                                    | Autumn 2                                                                                                                          | Spring 1                                                                                                            | Spring 2                                                                                                                                                                  | Summer 1                                                                                       | Summer 2                                                                                                    |
|--------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Year 1 | What is the world like just outside of my window?                                                                           | Who are the real life heroes that protect me?                                                                                     | Does our world need improving?                                                                                      | What is life like as a King or Queen?                                                                                                                                     | Has flight changed our world?                                                                  | What is living in Australia like?                                                                           |
|        | <u>Make:</u><br>Material Choices<br><u>Evaluation:</u><br>*Strengthening structures/products e.g. use of tabs, joining, etc | <u>Research:</u><br>*Creating a Christmas/winter decoration<br><u>Make:</u><br>*Work in a safe manner - Grace Darling 3d Pictures | <u>Make:</u><br>Material Choices<br>Planning and Design:<br>Recycled material musical instruments                   | <u>Evaluation:</u><br>Design and make a crown to given criteria.<br>Weaving.                                                                                              | <u>Cooking and Nutrition:</u><br>Where does our food come from? (Science and Curriculum links) | <u>Cooking and Nutrition:</u><br>*Food preparation and Hygiene<br>*Healthy eating (healthy sandwich making) |
| Year 2 | What is it like to live in Africa?                                                                                          | What have we learnt from the Great Fire of London?                                                                                | Can we plan a celebration for everyone?                                                                             | Do polar bears eat penguins?                                                                                                                                              | What's so special about Port Sunlight?                                                         | What will you find in the woods today?                                                                      |
|        |                                                                                                                             | <u>Design and Make</u><br>Design Christmas decoration using given criteria<br>Joining, cutting and finishing                      | <u>Design, make and evaluate</u><br>Explore, design and make to criteria Chinese money wallets. Joining and cutting | <u>Cooking and Nutrition</u><br>Plan, eat and evaluate a healthy meal<br>Understand basic principles of healthy diet (Science)<br><u>Mechanisms</u><br>Moving Easter Card |                                                                                                |                                                                                                             |
| Year 3 | What was life like in the Stone Age?                                                                                        | Can humans live without mental?                                                                                                   | What were the achievements of the Egyptians?                                                                        | Where in the world are we?                                                                                                                                                | How diverse is the continent of Europe?                                                        | How is Merseyside represented in art?                                                                       |
|        | Materials and Structures-<br>Make a Stone Age shelter                                                                       |                                                                                                                                   | Nutrition<br>Healthy Eating and where our food comes from                                                           | Cooking<br>Planning, making and evaluating scones                                                                                                                         |                                                                                                | Textiles- book mark design and make                                                                         |
| Year 4 | Who were the Mayans?                                                                                                        | How do natural disasters impact planet Earth?                                                                                     | Where does plastic go?                                                                                              | Who were the ancient Greeks?                                                                                                                                              | What is the journey of a river from source to sea?                                             | Is there still evidence of the Romans in Britain today?                                                     |
|        |                                                                                                                             | Electrics - Design a survival device                                                                                              | Design and create a basket using appropriate materials. Linked to discussions about                                 | Cooking and nutrition                                                                                                                                                     |                                                                                                | Mechanisms                                                                                                  |

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|        |                                                                                  |                                              |                                                          |                                                |                                                   |                                             |
|--------|----------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------|------------------------------------------------|---------------------------------------------------|---------------------------------------------|
|        |                                                                                  |                                              | sustainable materials.                                   |                                                |                                                   |                                             |
| Year 5 | Is Earth the only planet we can inhabit?                                         | How did the Anglo-Saxons affect us?          | How did the Vikings change Britain?                      | How diverse is the continent of North America? | How important were the Tudors to British history? | What are the wonders of Wirral?             |
|        | Educational solar system mobile                                                  |                                              | Cooking and nutrition - making Viking bread              |                                                | Structures - tudor house                          |                                             |
| Year 6 | What impact did the industrial revolution and the Victorian era have on Britain? | Why is Liverpool considered a major UK city? | What was life like on the home front during WW2?         | How diverse is the continent of South America? | How might technology affect our future?           | What life skills do we need for the future? |
|        | Electrical Systems - Wire Buzzer Game                                            |                                              | Structures - Anderson Shelter as a Home Learning Project |                                                | Mechanisms - Battery Power Car using Gears        |                                             |