

## The Shine Curriculum - DT

| <b>EYFS</b>   |  |  |   |   |  |
|---|--|--|---|---|--|
| <b>AUTUMN 1</b>   | <b>AUTUMN 2</b>  | <b>SPRING 1</b>  | <b>SPRING 2</b>   | <b>SUMMER 1</b>   | <b>SUMMER 2</b>  |
|   | Explore a range of materials and joining materials   | Use junk modelling to design and make boats/rockets, explore tools/techniques    |   | Make new habitats for living things   | Explore model making for a range of purposes   |
| <b>Year 1/2 (A)</b>   |  |  |   |   |  |
| <b>AUTUMN 1</b>   | <b>AUTUMN 2</b>  | <b>SPRING 1</b>  | <b>SPRING 2</b>   | <b>SUMMER 1</b>   | <b>SUMMER 2</b>  |
|   | Making mechanisms. Design and make their own moving toy.   | Design and make a healthy salad for the king's lunch.                            |   |   | Explore pulley systems and create a Lighthouse, inspired by the 'Lighthouse Keeper's Lunch'. We will also explore what a healthy lunch would be. |
| <b>Year 1/2 (B)</b>   |  |  |   |   |  |
| <b>AUTUMN 1</b>   | <b>AUTUMN 2</b>  | <b>SPRING 1</b>  | <b>SPRING 2</b>   | <b>SUMMER 1</b>   | <b>SUMMER 2</b>  |
|   | We will look at improving our sewing skills when creating our own finger puppets based on film characters. | We will look at different types of locks and hinges and create a treasure chest. |   | We will be exploring where food comes from and have a go at making some of our own. |  |
| <b>Year 3/4 (A)</b>   |  |  |   |   |  |
| <b>AUTUMN 1</b>   | <b>AUTUMN 2</b>  | <b>SPRING 1</b>  | <b>SPRING 2</b>   | <b>SUMMER 1</b>   | <b>SUMMER 2</b>  |
| Design and make our own cars using measure, mark cutting skills with wood |  |  | We will design and make our own sharing bread, exploring flavours and textures. | Become mini architects - designing and modelling bridges and skyscrapers            |  |

| Year 3/4 (B)  |  |   |  |  |  |
|---|--|---|--|--|--|
| AUTUMN 1  | AUTUMN 2   | SPRING 1  | SPRING 2   | SUMMER 1   | SUMMER 2   |
| We will learn how to make different moving mechanisms. We will enjoy a focused DT day where we will design and make 'Mad Hats' for a 'Hat Walk Show'. |  |   |  | We will become healthy food designers and create a product and packaging for a healthy breakfast food, using the Eat Well plate.                                     | We will become set designers, exploring real stage sets. We will explore art and DT skills including wax resist, printing, sewing and other joining techniques. After exploration we will design & make a model set design for an under the sea setting. |
| Year 5/6 (A)  |  |   |  |  |  |
| AUTUMN 1  | AUTUMN 2   | SPRING 1  | SPRING 2   | SUMMER 1   | SUMMER 2   |
|   | We will develop our woodworking skills by designing, building and evaluating Tudor houses. |   | We will design, build and evaluate an invention (which includes a circuit) to support or prevent Macavity's robbery.             | We will design a healthy menu for the children at Camp Green Lake so that they are healthy enough to dig holes. We will also prepare a savoury dish for them to try, |  |
| Year 5/6 (B)  |  |   |  |  |  |
| AUTUMN 1  | AUTUMN 2   | SPRING 1  | SPRING 2   | SUMMER 1   | SUMMER 2   |
|   |  | We will design and make Space rovers which includes gears and motors. We will look at what makes a healthy meal for astronauts. | We will design and make packaging for our own home-made wands using such skills as: annotated sketches, diagrams and prototypes. |  | We will be looking at seasonal produce and how it can be used to create a meal especially during a time of rationing.  |