

Be more creatively constructive.

Design and Technology

Intent	Implementation	Impact
<p>At Seascope Primary School we provide a high quality design and technology education which exceeds the expectations of the national curriculum:</p> <p>Our pupils:</p> <ul style="list-style-type: none"> • can design purposeful products based on design criteria • can generate and develop ideas • can select and use a range of materials and equipment accurately • can select from and use a wide range of materials/components • can explore and evaluate a range of existing products • can learn how to strengthen and reinforce structures • can apply an understanding of computing to program and control their products • can explore and use mechanisms [e.g. levers, sliders, wheels and axles] • can use the principles of a healthy and varied diet to prepare dishes • understand where food comes from and the meaning of seasonality 	<p><i>SEE</i></p> <ul style="list-style-type: none"> • <i>Design and Technology skills progression</i> • <i>Vocabulary progression Design and Technology</i> • <i>Design and Technology overview</i> <p>Design and Technology in the Early Years Children within EYFS develop a love of Design and Technology through their continuous play. They have the opportunity to build and model in a range of materials.</p> <p>Design and Technology in Key Stage 1 Children in Key Stage One start to develop an understanding of Design and Technology through their topic themes. Children will develop models and will also have opportunities to play in the mud kitchen. Alongside this, children will have the opportunity work with a variety of materials and will begin to learn about different pieces of equipment. They will also take part in OPAL and cooking during Golden Time.</p> <p>Design and Technology in Key Stage 2 Children in Key Stage Two study Design and Technology to develop a greater understanding of the key skills using tools to join and reinforce. Children will explore different components to learn about levers and pulleys, which they will also be learning about during their other topic lessons. The children will also be encouraged to design and evaluate their ideas, which will help them to continue to develop the products they construct. They will also continue to take part in OPAL and cooking during Golden Time.</p>	<p>Due the rich curriculum we offer in design and technology we expect to see improvements across:</p> <ul style="list-style-type: none"> • The engagement of pupils in design and technology lessons • The profile of design and technology being raised in school • Increased knowledge and skills of children year on year • A broader experience of using different materials and tools to develop products. • An increased participation in lessons and activities linked to design and technology.