

Design & Technology at Silver Springs

Year Group	<u>Autumn term</u>	<u>Spring term</u>	<u>Summer term</u>
Year 1	<p>Activity: Design, make and evaluate a moving picture to accompany a familiar Traditional Tales</p> <p>Purpose: to provide an animation for key part of the story, usually the crux of the narrative.</p> <p>Audience: Peers, as part of an oral retelling of narrative.</p>	<p>Activity: Design, make and evaluate a fabric 'Monster ' face</p> <p>Purpose: to consider common Features of fictional characters and features</p> <p>Audience: peers and for class display</p>	<p>Activity: Design, make and evaluate a healthy 'Super Hero' fruit salad</p> <p>Purpose: to consider the impact and importance of a healthy diet and lifestyle.</p> <p>Audience: individuals and peers</p>
Year 2	<p>Activity: Building Egg Box Dragons</p> <p>Purpose: Dragon Puppet for English topic/ theatre show</p> <p>Audience: Actors</p>	<p>Activity: Making Healthy Dips</p> <p>Purpose: To inform children about healthy eating and food hygiene</p> <p>Audience: People who need healthy snack options</p>	<p>Activity: Build a diorama habitat for a weird creature</p> <p>Purpose: Linked to Science topic, to aide understanding of habitats and how animals are adapted</p> <p>Audience: The animal itself</p>
Year 3	<p>Activity: Design, make and evaluate a Sculptural Characters Inspired by Dahl and Blake</p> <p>Purpose:</p> <ul style="list-style-type: none"> • Explores seeing "big shapes" & gestural drawing • Explores "intention" 	<p>Activity: Design, make and evaluate a shadow puppet.</p> <p>Purpose: To investigate how and object blocks light to form a shadow.</p> <p>Audience: Students</p>	<p>Activity: Design, make and evaluate a chocolate bar wrapper.</p> <p>Purpose: To gain an understanding of nutritional value, how a slogan is created and used and produce persuasive writing to sell.</p>

	<ul style="list-style-type: none"> • Explores how drawing inspires making <p>Audience: Students</p>		Audience: Students
Year4	<p>Activity: Design, make and evaluate a healthy drink</p> <p>Purpose: To make a healthy drink that will not decay teeth.</p> <p>Audience: Children and adults / healthy drinks companies</p>	<p>Activity: Design, make and evaluate a musical instrument</p> <p>Purpose: To construct a device that produces high and low-pitched sounds</p> <p>Audience: Other students and teachers / local band</p>	<p>Activity: Design, make and evaluate a Viking longboat</p> <p>Purpose: For students to identify materials that are waterproof, strong and buoyant</p> <p>Audience: Vikings purchasing a new ship</p>
Year5	<p>Activity: Design, make and evaluate a parachute</p> <p>Purpose: To counteract gravity and fall slowly/safely when jumping from a height</p> <p>Audience: Rescuers</p>	<p>Activity: To design, make and evaluate a working sun dial.</p> <p>Purpose: To enable students to identify key times in the school day with the use of conventional clocks</p> <p>Audience: Students</p>	<p>Activity: Design, make and evaluate a water collector</p> <p>Purpose: To be eco-friendly by catching and storing enough rainfall to water the school vegetable patch</p> <p>Audience: People living in droughts</p>
Year 6	<p>Activity: Design, make and evaluate a Zoetrope</p> <p>Purpose: To produce the illusion of motion by displaying a sequence of drawings showing progressive phases of that motion.</p> <p>Audience: Children</p>	<p>Activity: Design, make and evaluate a slipper</p> <p>Purpose: To use research and develop design criteria to inform the design of functional and appealing slipper that are fit for purpose, aimed at particular individuals or groups</p> <p>Audience: School Children</p>	