



Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(eg: films, websites, books, museums and activity centres)</i>
1	Cinema Display Stand (Graphics)	<p><b>Project Brief:</b> Cinema Productions often cost millions of pounds to produce; therefore it is important that the marketing and advertising of these films is successful.</p> <p>Along with all the new releases, next year your local cinema is going to be showing a range of older well known films on a weekend.</p> <p><b>These films include;</b></p> <ul style="list-style-type: none"> <li>• Iron Man</li> <li>• Grease</li> <li>• The Wizard of Oz</li> </ul> <p>Your task is to design and make a scaled model of a suitable display stand advertising one of the films listed.</p> <p>Collecting and presenting data (survey's etc.), looking at existing products, profiling a target market, modelling, typography, CAD, making</p>	<p><b>Visit:</b> Visit a local cinema and look at existing cinema display stands for design inspiration.</p> <p><b>Films:</b> Watch the suggested films for design inspiration.</p>
OCTOBER HALF TERM HOLIDAY			
2	Cinema stand continued	Project continues	
CHRISTMAS HOLIDAYS			
3	F1 in schools (Product Design)	<p><b>Project Brief:</b> Working in teams of 4-5, design and make an F1 car. You must also develop a team identity, produce a presentation and design a range of promotional products. All work will be judged against set criteria.</p> <p>PLTs skills, Gantt charts, Solidworks software, budgeting, aerodynamics, presentation skills</p>	<p><b>Qualification:</b> Enter your F1 project for a crest award. The following link provides you with the required information; <a href="http://www.britishscienceteachers.org.uk/crest-awards">http://www.britishscienceteachers.org.uk/crest-awards</a></p>
FEBRUARY HALF TERM HOLIDAY			
4	F1 in schools continued	Project continues	
EASTER HOLIDAYS			
5	Sweet Dispenser (Resistant Materials)	<p><b>Project Brief:</b> Children enjoy candy and in this project you will be making a working sweets dispenser. This is a fun toy that you will not only make and take home but it is also a great learning experience in using workshop tools and machinery; you will learn about different mechanisms and woodwork joints . Your task will be to individually design and make a sweets dispenser that functions and incorporates woodwork joints, a mechanism, drilling, routing and assembly.</p> <p>You will gain confidence and knowledge of materials and processes as a foundation for your KS4 option choices.</p> <p>You will also gain technical drawing skills and learn how to apply rendering and shading to your design ideas.</p>	Research existing sweets dispensers
MAY HALF TERM HOLIDAY			
6	Sweet Dispenser continued	Sweets dispensers continued	