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| Year 8 | Promotion and Mechanism | 16 Lessons |
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Aims: Students taught in the structure of the 'Design Process' as used in KS4. Students are to explore this process in order to develop a 'promotional display' similar to cinema 'standees'. This allows them to work with the basic structure for a POS display they may expect to come across at KS4. They are also introduced to a variety of mechanisms and select one for use on their display.

Links to KS4: The set tasks are assessed with a focus upon the student's ability to make 3 dimensional objects from a 2d 'net'. It aids their ability to see things in the 3 dimensional space in their mind. Alongside this, students are introduced to the idea of designing within 'constraints' that would be expected at KS4. They will also be introduced to linkage mechanisms which directly relate to Graphics, Product Design and RM subjects.

AO1: To understand the concept of design having a process from research and exploring ideas to developing, refining, finalising and making these ideas a reality.

AO2: To be able to work effectively within constraints.

AO3: To be able to use typography to enhance their designs.

AO4: To be able to use the rules of input and output in order to create a linkage mechanism.

| Key Skills | Literacy Links: | Numeracy Links: |
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| <ul style="list-style-type: none"> To create a 3d shape out of a 2d net. To create linkage mechanisms and select, as well as adapt one appropriate to their design. To be able to effectively promote a 'theme'. To be able to use prior knowledge in order to effectively create an aesthetically appealing product. | <p>Keywords: Visual language, construction, feint, theme, input, output, mechanism, POS, rendering, net.</p> <p>Students will provide written feedback to peers using skills of analysis to offer helpful advice. They will also evaluate their designs and respond to 3rd party feedback</p> | <p>Working in confined spaces requires measurements and planning, measuring linkages and providing the correct angles between pivot points.</p> |

| Assessment | Cross-Curricular Links |
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| <p>The midway assessment will focus on the 4 assessment objectives of the unit:</p> <p>AO1: To understand the concept of design having a process from research and exploring ideas to developing, refining, finalising and making these ideas a reality.</p> <p>AO2: To be able to work effectively within constraints.</p> <p>AO3: To be able to use typography to enhance their designs.</p> <p>The Final Outcome is assessed against the 4 bands of Excellence/Secure/Emerging/Developing on the student personal learning checklist.</p> | <p>Art, RM, PD, Maths – Accurate drawings, planning and making, as well as card mechanisms can aid in most Design Subjects.</p> <p>SMSC opportunities and British values</p> <p>Students must be aware of themes which could cause offence and must be certain to avoid any designs which could do so.</p> |

Opportunities for further learning

Students have the opportunity to use these skills at KS4 with their final coursework products.

Unit Outline- See the Excel document we were given to fill in.