Designing a set - The Butterfly Hunter

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| AOLE: Science and technology | |
| * 4 Purposes **: enterprising, creative contributors who:** connect and apply their knowledge and skills to create ideas and products | |
| WM: Design thinking and engineering offer technical and creative ways to meet society's needs and wants | DL:   * I can creatively respond to the needs and wants of the user, based on the context and on the information collected. * I can use design thinkingto test and refine my design decisions without fear of failure. * I can use design communication methods to develop and present ideas, and respond to feedback. * I can select and safely use appropriate tools, materials and equipment to construct purposeful outcomes. * I can use prototyping as a link between my designing and making. |
| LO:  Planning and designing an effective set for the Butterfly Hunter show including equipment, materials and apparatus.  Experimenting with different resources to create a prototype for a set. | |

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| Introduction: | * use the pictures in the resource to create a mind map of ideas of things you could use to create a set. |
| Main body: | * Having discussed the set and the pupils' ideas they could go looking through the school for things they could use in their set. * Ideas : pastry, twigs, leaves, lolly sticks, paint etc. * The pupils can draw a sketch of the set and suggest different resources/apparatus they could use to make the set. * In pairs or small groups the pupils could experiment with the different resources to try and design a part of the set. Time for them to make a small prototype before they evaluate/make improvements * Give them opportunities to evaluate each other's work. What went well. Better still if... * Pupils create their own set using a small shoe- box. |
| Extension: | * You could use the Task Wheel to help with the design work. See resources |
| Plenary: | * Evaluating their set - did they reach the Success Criteria? * What do they like about their set ? * Is there anything they'd like to change ? |
| Resources: | Pictures of the Set (Provided)  Task Wheel (Provided) |