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
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| 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.
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| 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.
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| 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.
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| Extension:  | * You could use the Task Wheel to help with the design work. See resources
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| 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 ?
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| Resources:  | Pictures of the Set (Provided)Task Wheel (Provided) |