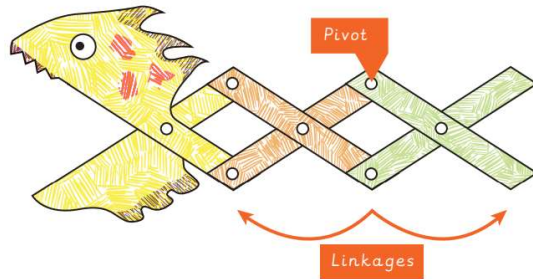


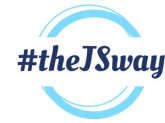
Year 2 Knowledge
Organiser -
Making a moving
monster



Key Facts:
Moving Monster



What materials could you use to represent fur, scales and claws?



Key vocabulary

Design criteria - A set of rules to help designers focus their ideas and test the success of them.

Evaluation - When you look at the good and bad points about something, then think about how you could improve it.

Input - The energy that is used to start something working.

Linkage - Lengths of material (for example, metal or card) that are joined together by pivots, so that the links can move as part of a mechanism.

Mechanical - Something that can move because several pieces work together like a machine.

Mechanism - A collection of parts that work together to create a movement, eg: a bicycle.

Output - Output is the motion that happens as a result of starting the input.

Pivot - The central point, pin, or shaft on which a mechanism turns or swings.

Survey - To ask a group of people questions about something and to use their answers to make improvements.

The four types of motion:



Linear motion
Movement in a straight line in any one direction.



Reciprocating motion
Movement in a straight line, back and forth, in any direction.



Rotary motion
Movement in a circular motion.



Oscillating motion
Movement in a curve, back and forth.