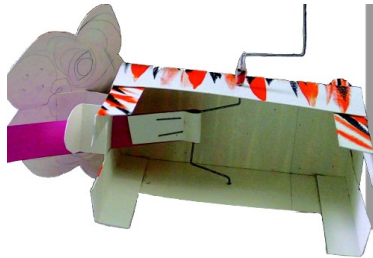


# How will your beast open its mouth

## Construction

### Prior Knowledge

Previously, we have used materials to construct Tudor houses, measuring and cutting materials.



### My Component Knowledge:

**Lesson 1:** I can create a model that has a moving part.

**Lesson 2:** I can make a detailed sketch.

**Lesson 3:** I can create a detailed model of an animal

**Lesson 4:** I can evaluate different mechanisms

**Lesson 5:** I can create a detailed design of my model.

**Lesson 6:** I can follow my design specification

### My Composite Knowledge:

I can understand the use of mechanical systems in products and design my own working product.

### My Powerful Knowledge:

I can research, design, make and evaluate the processes needed to construct and complete my learning task.

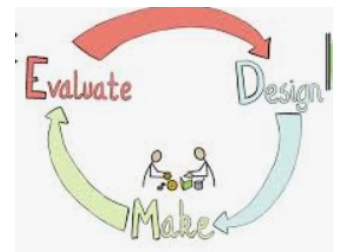


### Key Vocabulary

**Tier 1:** outline, expression, length, shape, width, rotation, wire

**Tier 2:** roar, net, crank, slider, shaft, lever, plyers, annotate

**Tier 3:** specification, adjustments, mechanism,



How will your beast open its mouth?

What mechanism will you use?



What mechanisms do you know?