

Things I already know

I know how to design and use materials to make these designs

Key Facts

Mechanisms help objects move

There are numerous mechanisms in pop up books to help them move

The longer a lever, the higher you can move an object

There are a number of different types of levers and linkages including push/pull, bell crank and sliders

Key Vocabulary

Mechanism: A part of the design that makes something move.

Lever – a rigid bar resting on a [pivot](#), used to move a heavy or firmly fixed load with one end when pressure is applied to the other

Linkages - the existence or forming of a connection between two or more things so that one thing happening or changing depends on the other thing happening

Pivot - the central point, pin, or shaft on which a mechanism turns

Questions I can answer

How do pop up books work?

Is there different types of mechanisms?

What is a pivot?

What is a lever?

What is a linkage?

What materials do I need to make my design?

Significant people



Robert Sabuda – An author who is known as the King of Pop-Ups

FRUITS

Relationships – peer review other children's work

Treat Others with Respect – Being respectful when peer reviewing others work