

Progression – Mechanisms

EYFS

Children explore and discover tools and techniques used for joining everyday materials

Year 1 & Year 2

Children will gain an experience of basic cutting, joining and finishing techniques primarily with paper and card. They will explore and use mechanisms such as flaps, sliders & levers. Children will also explore axles, axle holders and wheels that are fixed and free moving.

Year 3 & Year 4

Children develop an understanding that mechanical systems such as levers and linkages or pneumatic systems can create movement. With increased independence they will begin to incorporate levers and linkages into their products to create movement.

Year 5 & Year 6

Children explore other mechanisms which can create movement, developing a greater understanding of Cams, pulleys and gears. They will begin to use prototypes and independently design and make a product that incorporates one of these mechanisms.