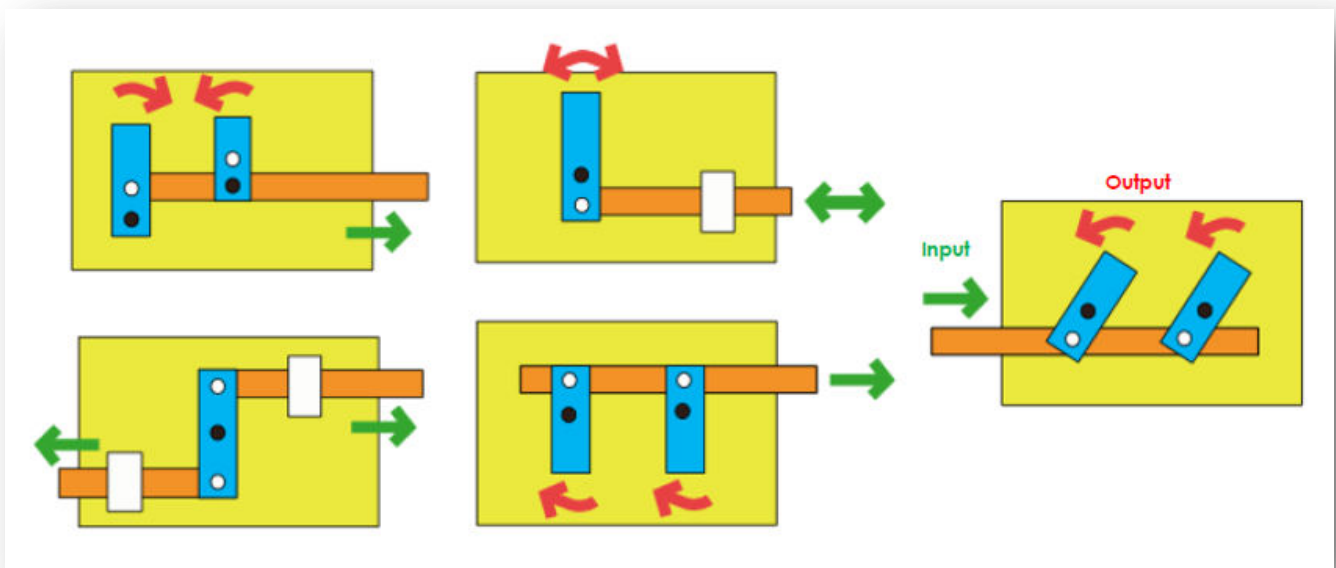


MECHANICAL SYSTEMS: MOVING POSTERS

Design, make and evaluate a moving poster (**product**) for younger children (**user**) to help them learn about polar or desert landscapes (**purpose**).

Key Focus: Levers and Linkages



KEY KNOWLEDGE AND SKILLS

- Understand and use lever and linkage mechanisms.
- Distinguish between fixed and loose pivots.
- Know and use technical vocabulary relevant to the project (input, output, mechanism, lever, linkage, pivot, slot, bridge, guide).

RELEVANT PRIOR LEARNING / UNITS

- Explored and used mechanisms such as flaps, sliders and levers.
- Gained experience of basic cutting, joining and finishing techniques with paper and card.
- Y1 Mechanisms (sliders and levers): Moving Easter cards
- Y2 Mechanisms (wheels and axles): A small wheeled trolley to carry gardening tools

NAME: _____