

# Max's Amazing Mechanism Planner

*Learning objective: To design a moving toy using mechanical parts like levers or linkages.*

Max the monkey wants to build a new moving toy. Use this sheet to plan your design. Follow the steps below to think about how your toy will move. Use the word bank to help you.

*Word bank: lever · linkage · pivot · fastener · movement · mechanism · card · design*

## 1. My Toy Idea: What is your toy going to be? Draw or describe what it looks like. (2 marks)

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## 2. The Movement: How will your toy move? Will it push, pull, or slide? Use a sentence starter: My toy will move by... (2 marks)

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## 3. The Mechanism: Which parts will you use to make it move? (e.g., a lever or a linkage). (2 marks)

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## 4. The Materials: List three things you need to build your toy. (e.g., card, split pins, tape). (2 marks)

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*Extension challenge: If you had £2.00 to spend on extra decorations for your toy, what would you buy and why?*