

Max's Mechanical Magic Quiz

Learning objective: To identify and understand basic mechanisms like levers, linkages, and pivots.

Hello! I am Max the monkey. I love solving puzzles. Read each question carefully. Use the word bank to help you spell the tricky words. You can do it!

Answer Key: 1. A (Mechanism), 2. True, 3. Pivot, 4. B (Lever), 5. False, 6. True, 7. Linkage, 8. C (Movement), 9. False, 10. Pivot.

Word bank: Lever · Pivot · Linkage · Mechanism · Movement

1. 1. What do we call a system of parts that work together to create movement? A) Mechanism* B) Toy C) Food D) Map (1 mark)

2. 2. True or False: A lever is a simple machine used to lift things. (1 mark)

3. 3. What is the name of the fixed point that a lever turns around? (1 mark)

4. 4. Which part connects two or more things to make them move? A) Glue B) Linkage* C) String D) Brick (1 mark)

5. 5. True or False: A mechanism cannot help us lift heavy objects. (1 mark)

6. 6. True or False: You need a pivot for a lever to work properly. (1 mark)

7. 7. If you join two pieces of card with a split pin, you have made a _____. (1 mark)

8. 8. What does a mechanism create? A) A snack B) A noise C) Movement* D) A nap (1 mark)

9. 9. True or False: Mechanisms are only found in giant factories. (1 mark)

10. 10. In a seesaw, the middle point that lets it go up and down is called a _____. (1 mark)

Draw: Draw a simple lever like a seesaw. Label the 'Pivot' in the middle and show which way it moves with an arrow.



Extension challenge: Max wants to build a moving card character! Can you name one item from your classroom that uses a mechanism?