

SMARTWIZ

GRADE 4 TECHNOLOGY EXAM

MARKS: 50

MARKS	

TIME: 1 hour

SCHOOL _____

CLASS (e.g. 4A) _____

SURNAME _____

NAME _____

MYST PATHWORKS

Instructions for Students:

- > Read all instructions carefully before beginning the exam.
- > Write your name and student ID clearly on the answer sheet/booklet.
- > Answer all questions unless otherwise stated.
- > Show all your work/calculations where applicable.
- > Write clearly and legibly.
- > Use blue or black ink only. * Do not use correction fluid/tape.
- > No electronic devices (calculators, phones, etc.) are allowed unless explicitly permitted.
- > Raise your hand if you have any questions.
- > Do not talk to other students during the exam.
- > Any form of cheating will result in disqualification.

QUESTION 1: Sources of Energy (5 marks)

Choose the correct answer from the brackets:

The sun is a source of _____. (water / light / plastic)

A car needs _____ to move. (wood / petrol / wind)

People get energy from _____. (food / tools / cloth)

Wind energy can move a _____. (wheelbarrow / fan / windmill)

_____ is used to make lights work. (Oil / Electricity / Milk)

QUESTION 2: Match the Materials (5 marks)

Match each item to what it is mostly made of. Write the correct letter (A–E) next to the number.

ITEM	MATERIAL
1. Window	A. Metal
2. Fork	B. Wood
3. Chair	C. Plastic
4. Ruler	D. Glass
5. Cupboard	E. Steel

QUESTION 3: Tools and Their Uses (5 marks)

Look at the tools below and match them to what they are used for.

TOOL	USE
1. Hammer	A. Cutting paper
2. Scissors	B. Turning screws
3. Screwdriver	C. Hitting nails
4. Spade	D. Digging soil
5. Paintbrush	E. Painting walls

QUESTION 4: Structures (Draw and Label) (5 marks)

Draw a basic drawing of a beam bridge here?



QUESTION 5: Types of Structures (5 marks)

Fill in the blanks using these words: **natural, man-made, strong, weak, structure**

1. A tree is a _____ structure.
 2. A chair is a _____ structure.
 3. A bridge must be _____ to hold cars.
 4. A _____ cannot carry heavy things.
 5. A _____ is something that is built or formed.
-

QUESTION 6: Materials Around Us (5 marks)

Look at the objects below. Write what each is made of.

1. Spoon – _____
 2. Pencil – _____
 3. Glass – _____
 4. Chair – _____
 5. Plastic bottle – _____
-

QUESTION 7: Energy Uses (5 marks)

Write **True** or **False** next to each sentence.

1. We use electricity to keep food cold. _____
2. The sun gives us energy to grow plants. _____
3. A computer works with water power. _____

4. Petrol is used to fuel cars. _____
 5. Food gives energy to machines. _____
-

QUESTION 8: Design a Shelter (5 marks)

Draw a picture of a simple shelter like a tent or hut?



QUESTION 9: Technology in Our Lives (5 marks)

Answer the questions below in short sentences.

1. What is a cellphone used for?
 2. What is a microwave used for?
 3. Name one tool used in the kitchen.
 4. What do we use to clean the floor?
 5. Name one machine used in school.
-

QUESTION 10: Safety When Using Tools (5 marks)

Write down **two safety rules** when using tools. Then tick the tools that are **sharp**.

- Safety Rule 1: _____
- Safety Rule 2: _____

Tick the sharp tools:

- ☐ Hammer
 - ☐ Scissors
 - ☐ Knife
 - ☐ Broom
 - ☐ Paintbrush
-

TOTAL: 50 MARKS

MEMO: GRADE 4 TECHNOLOGY EXAM – PAPER 4

QUESTION 1: Sources of Energy (5 marks)

1. light
2. petrol
3. food
4. windmill
5. electricity

✓ 1 mark each

QUESTION 2: Match the Materials (5 marks)

1. Window – **D. Glass**
2. Fork – **A. Metal**
3. Chair – **C. Plastic**
4. Ruler – **E. Steel**
5. Cupboard – **B. Wood**

✓ 1 mark each

QUESTION 3: Tools and Their Uses (5 marks)

1. Hammer – **C. Hitting nails**
2. Scissors – **A. Cutting paper**
3. Screwdriver – **B. Turning screws**
4. Spade – **D. Digging soil**
5. Paintbrush – **E. Painting walls**

✓ 1 mark each

QUESTION 4: Structures (Draw and Label) (5 marks)

- Simple drawing of a bridge
- Correctly labels **2 parts**: e.g., *deck, pillar, support, cables*
- Award 2 marks for accurate labels, 3 marks for neat and reasonable drawing

✓ Up to 5 marks

QUESTION 5: Types of Structures (5 marks)

1. natural
2. man-made
3. strong
4. weak
5. structure

✓ **1 mark each**

QUESTION 6: Materials Around Us (5 marks)

1. metal / stainless steel
2. wood
3. glass
4. plastic / wood (both acceptable)
5. plastic

✓ **1 mark each**

QUESTION 7: Energy Uses (5 marks)

1. True
2. True
3. False
4. True
5. False

✓ **1 mark each**

QUESTION 8: Design a Shelter (5 marks)

- Drawing of a basic shelter (tent, hut, etc.) – **2 marks**
- At least **two correct material labels** (e.g., cloth, wood, rope) – **3 marks**

✓ **Up to 5 marks**

QUESTION 9: Technology in Our Lives (5 marks)

1. To make calls/send messages
2. To heat/cook food
3. Knife / pan / pot (any valid tool)
4. Broom / mop / vacuum
5. Computer / printer / projector / tablet

✓ **1 mark each**

QUESTION 10: Safety When Using Tools (5 marks)

- Two sensible safety rules (e.g., “Use tools carefully,” “Don’t run with scissors”) – **2 marks**
- Correct ticks:
 - ☒ Scissors
 - ☒ Knife

✓ **3 marks for correct ticking and safety rules**

☐ **TOTAL: 50 MARKS**