Bucks Test-style 11+ Practice Paper 1

English · Verbal Reasoning · Analogies · Odd One Out and Analogies · Nets, Folds and Layers · Turns and Flips · Mathematics

SAMPLE

Name _____ **Date** _____

Instructions

- Do not open this booklet until you are told to.
- Mark every answer on the separate answer sheet. Rough working can go in this booklet.
- Each section has its own time limit. Stop when you are told to, even if you have not finished.
- Each type of question starts with a worked example, except the questions about the reading passage. Read it carefully.
- Work as quickly and carefully as you can. If a question is too hard, mark your best guess and move on. Come back to it if you have time.

What is in this paper

Section	Questions	Time
Part 1 · English	1 to 24	25 minutes
Part 1 · Verbal Reasoning	25 to 54	20 minutes
Part 2 · Analogies	55 to 62	5 minutes
Part 2 · Odd One Out and Analogies	63 to 70	5 minutes
Part 2 · Nets, Folds and Layers	71 to 78	5 minutes
Part 2 · Turns and Flips	79 to 86	5 minutes
Part 2 · Mathematics	87 to 111	25 minutes

Do not turn over until you are told to do so

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Before you start: notes for the adult

Each section of this paper is timed, at about the pace of the real test, so your child can practise working at the right speed. The real test may split its time differently, because not every section timing is published. You will need:

- this question booklet, and the answer sheet printed separately,
- a pencil and an eraser,
- a clock or timer that you control.

Running the paper. Read each worked example with your child before you start the clock for that section. Then give the time shown at the top of the section. When the time is up, say "Stop", even if the section is not finished. A short break between sections is fine.

Marking. Use the answer key on the first page of the solutions booklet. Each correct answer scores one mark. Then read the worked solutions together for every question your child got wrong or guessed.

What to practise next. The solutions booklet ends with a list of the skills in each section. Practise them with the three 11+ Workbooks that come free with this paper, and with the free Smart Cub videos and exercises.

Tips for you, the test taker

- Read every question carefully, all the way to the end.
- Look at every answer choice before you choose one.
- Mark your answer next to the right question number on the answer sheet.
- If you are stuck, make your best guess, mark it, and move on. Come back to it if you have time.

SAMPLE

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Section 1: English

25 minutes | Questions 1 to 24

Read the passage carefully. Then answer the questions. You can look back at the passage as often as you like.

The Beavers Come Home

This article explains how beavers returned to British rivers after hundreds of years, and how they are changing the places where they live.

Beavers are the largest rodents in Britain. An adult has a broad, flat tail, thick waterproof fur and big orange front teeth that never stop growing. Beavers spend most of their lives in or beside fresh water, and they are tireless builders. Yet for hundreds of years, nobody in Britain saw one in the wild.

The beavers vanished because people hunted them. Their glossy fur was prized for making warm hats and coats, and an oily substance from a gland near the tail was used in old-fashioned medicines. Hunters were so relentless that, by about the sixteenth century, the last British beavers had gone.

In recent years, however, beavers have made a remarkable comeback. Some escaped from wildlife parks, and others were released into rivers as part of carefully monitored trials. Today families of beavers live in several parts of Britain, and scientists visit them regularly to see what they are doing to the landscape.

What the beavers are doing is rebuilding. To make a dam, a beaver gnaws through young branches with its sharp teeth, drags them into a stream and packs them tightly with mud and stones. The dam holds back the flow, and the water spreads out into a patchwork of pools and soggy meadows. A narrow stream that once raced along becomes a wetland.

These wetlands can help people as well as animals. Wet ground acts like a giant sponge. When heavy rain falls, much of the water soaks into the pools and the earth around them, then trickles away slowly instead of rushing downhill towards villages. Some studies have found that a series of dams can ease the danger of floods. In a dry summer, the pools also hold on to water that would otherwise have drained away.

Other wildlife quickly moves in. Dragonflies skim over the still water, frogs lay their eggs in the shallows, and young fish shelter among the sunken branches. Water voles, otters and herons arrive to feed, while trees killed by the rising water become homes for insects and woodpeckers. Within a few years, a quiet ditch can become a bustling neighbourhood of wildlife.

Not everyone is delighted, though. Some farmers worry that dams could flood their fields and ruin crops. Others fear that beavers will gnaw down valuable trees or burrow into riverbanks and weaken them. Blocked drains are another concern. These worries are taken seriously, and there are practical answers. Pipes can be fitted through a dam to keep the water at a safe height, and wire mesh can protect important trees. A few farmers have even found that the wetlands keep their land greener during droughts.

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40 The debate is likely to continue for years. In my opinion, though, nothing is more enchanting than watching a beaver glide across a quiet pool at dusk. Whatever people decide, the beaver is back, and Britain's rivers will never look quite the same.

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