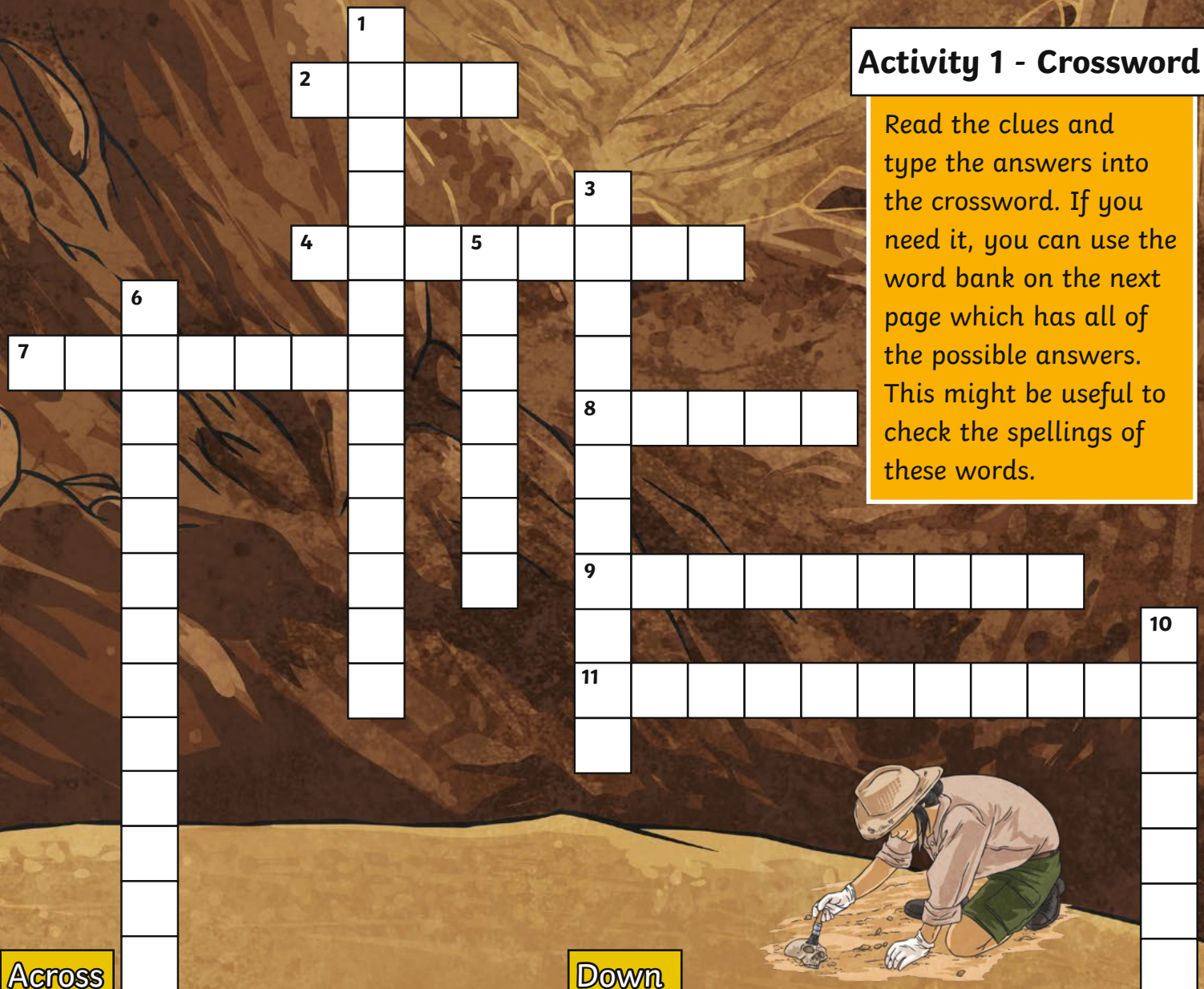


Rocks

Activity 1 - Crossword

Read the clues and type the answers into the crossword. If you need it, you can use the word bank on the next page which has all of the possible answers. This might be useful to check the spellings of these words.



Across

Down

2. Molten rock that comes out of the ground is called
4. Natural solid material that is moved and dropped off in a new place by water or wind, e.g. sand.
7. When water, wind or ice wears away land.
8. Molten rock that remains underground.
9. Allows liquids or gases to pass through it.
11. Does not allow liquids or gases to pass through it.

1. The study of fossils.
3. Rock that started out as igneous or sedimentary rock but changed due to being exposed to extreme heat or pressure.
5. Rock that has been formed from magma or lava.
6. The process by which fossils are made.
10. Rock that has been formed by layers of sediment being pressed down hard and sticking together.

Word Bank

impermeable

lava

sedimentary

igneous

palaeontology

magma

metamorphic

permeable

sediment

fossilisation

erosion



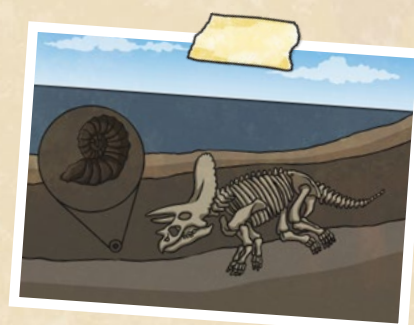
Activity 2 - Fossilisation Stages

Read about the stages of fossilisation. Can you fill in the gaps by choosing the correct word from the drop-down boxes?



An animal dies. It gets covered with _____
which eventually become rock.

More layers of rock cover it. Only hard parts of the
creature remain, e.g. _____, shells and teeth.



Over thousands of years, sediment might enter
the mould to make a _____. Bones may
change to mineral but will stay the same shape.

Changes in sea _____
period.

_____ take place over a



As _____ and weathering take place,
eventually the fossil becomes exposed.