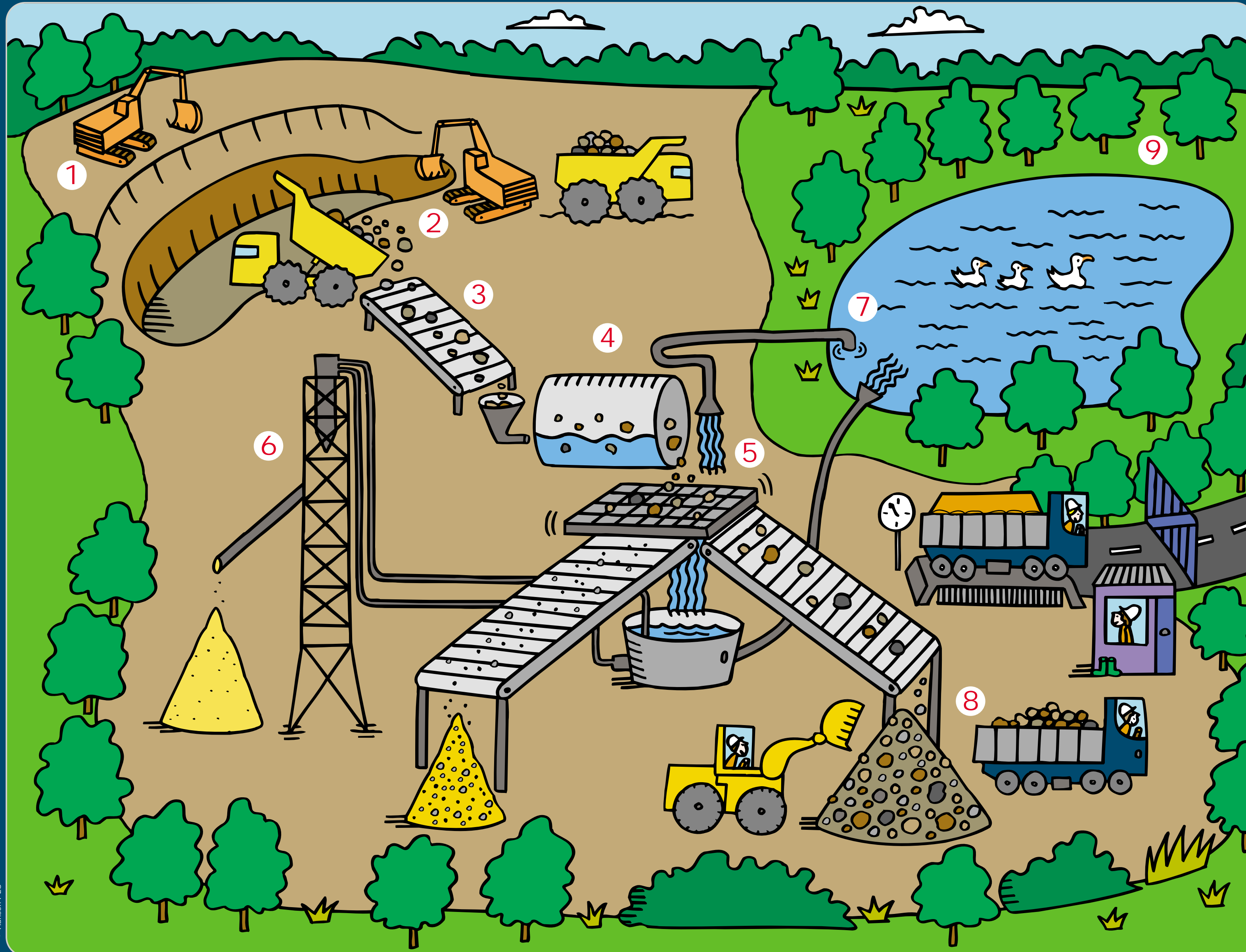


HOW SAND AND GRAVEL ARE QUARRIED



I'm Roxy. My excavator and I work together to get the sand and gravel out of the ground. Here's what happens at our quarry...



- 1 Excavators remove soil and clay. They are used to screen the site or kept for later restoration
- 2 Sand and gravel are dug out of the quarry by an excavator
- 3 The sand and gravel are taken to the plant by dumper truck or conveyor belt
- 4 The sand and gravel go into a rotating barrel where any clay is removed and the washing process begins
- 5 Washing of sand and gravel continues, as a grading screen sorts them into separate sizes
- 6 The wet sand travels to a classification plant, where excess water is removed
- 7 The water used for the washing processes is now full of silt. It is pumped out to a settling lagoon and, once there, the silt sinks to the bottom
- 8 Conveyor belts move the processed sand and gravel to stockpiles for storage. Lorries take them to their final destination
- 9 Restoration work is carried out at the site, landscaping the areas of disused quarry for the benefit of local people and wildlife