

# LITTLE EXPLORERS **LET'S GO**

# BUILDING SITE

**FRONT LOADER**

**WORKER**

**SURVEYOR**

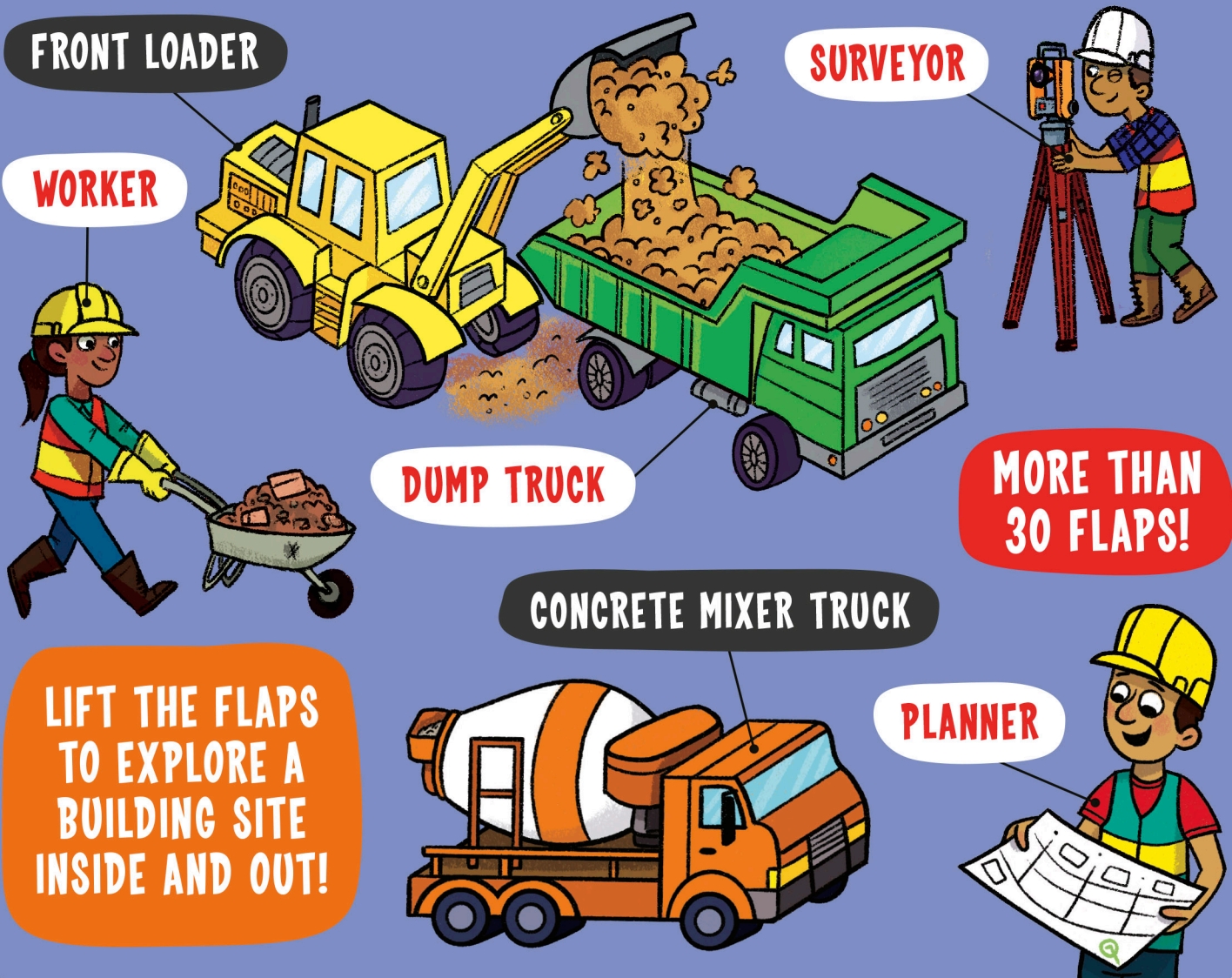
**DUMP TRUCK**

**MORE THAN  
30 FLAPS!**

**CONCRETE MIXER TRUCK**

**PLANNER**

**LIFT THE FLAPS  
TO EXPLORE A  
BUILDING SITE  
INSIDE AND OUT!**





Drone pilot

Drone



### Looking down

A small aircraft called a drone takes photos of the building site from above. The drone pilot is on the ground and uses remote controls to fly it.

## PREPARING TO BUILD

Sometimes old buildings need to be knocked down before new ones can be built. This is called demolition. Once the old buildings are cleared, there is lots to do to make sure the ground is ready to build on.

### Long arm

A long-arm excavator with a grabber rips down the old buildings.



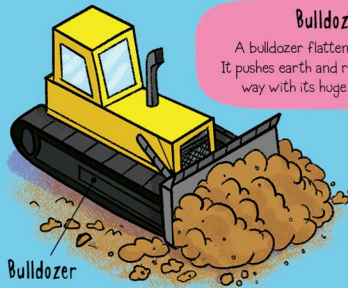
Long-arm excavator

### Clear it up

A front loader scoops up rubble in its bucket. It then drops it into a dump truck so it can be taken away. Crash!

Front loader

Dump truck



Bulldozer

### Bulldozer

A bulldozer flattens the ground. It pushes earth and rocks out of the way with its huge metal blade.

Surveyor



Ready when you are!

Theodolite



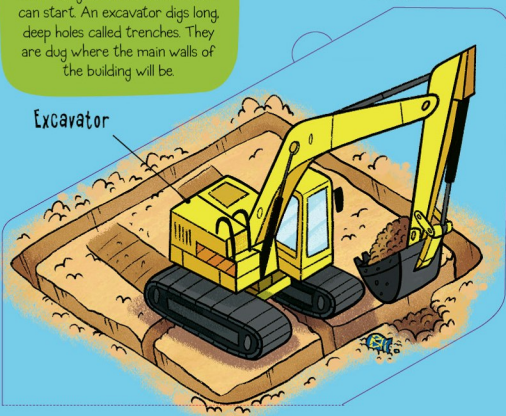
### Surveyor

Surveyors check that the ground is level. They use a special instrument called a theodolite, and a measuring rod, to take measurements.

### Dig down

Now the ground is flat, the work can start. An excavator digs long, deep holes called trenches. They are dug where the main walls of the building will be.

Excavator

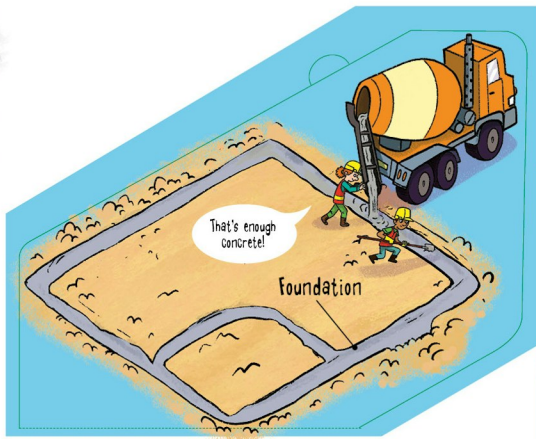


### Buried treasure

Digging machines sometimes find important objects in the ground from long ago.

Stop digging!







Archaeologists are scientists who study objects from the past. Coins, tools, pots and even bones are often found on building sites. Have you ever found anything in the ground?

A concrete mixer truck pours runny concrete into the trenches. Concrete dries hard to make a solid base. This is called the foundation. It stops the heavy building sinking into the ground.

Workers sort the rubble by picking out the bricks and stones that can be used again. Plastic, metal and concrete are put into big metal bins called skips to be recycled. This means they can be made into something else.

Very tall buildings can't be pulled down. Instead, they are blown up! Demolition experts use powerful explosives to collapse a building quickly and safely. BOOM!

A tiny camera on the drone takes pictures and sends them to the drone pilot's screen.

## BUILDING HOUSES

Now the foundations are laid, houses can be built. There are lots of different jobs to do. It is important that they happen in the right order.

### Bricks and timber

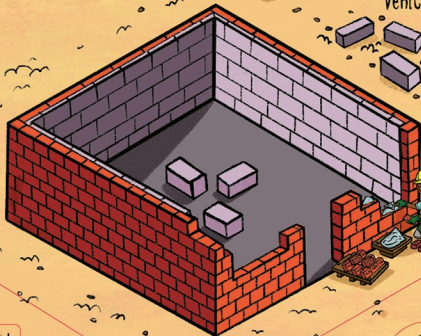
Trucks arrive loaded with the materials to build the houses.



Heavy goods vehicle

### Tall walls

Bricklayers build the walls. They lay rows of concrete blocks on the inside. Bricks go on the outside.



Bricklayer

### Plans

An architect is a person who designs buildings. They draw a plan for the workers to follow.



Architect

I'll check the plans!

### Stage one

First, the concrete floor is poured. It has to dry and harden before the walls can be built.



Cement mixer

### Stage three

The roof is being covered with tiles. The roofer overlaps the tiles as they lay them. This stops any gaps so rain can't get in!



Roofer

### Stay safe

Roofers wear a safety harness to work high up. If they slip they won't fall far.

### Scaffolding

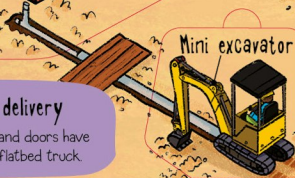
A frame of metal poles, ladders and planks around the building makes a safe platform for builders to work on.



Flatbed truck

### Special delivery

The windows and doors have arrived on a flatbed truck.



Mini excavator