

# LITTLE EXPLORERS **LET'S GO** →

# BUILDING SITE

**FRONT LOADER**

**SURVEYOR**

**WORKER**

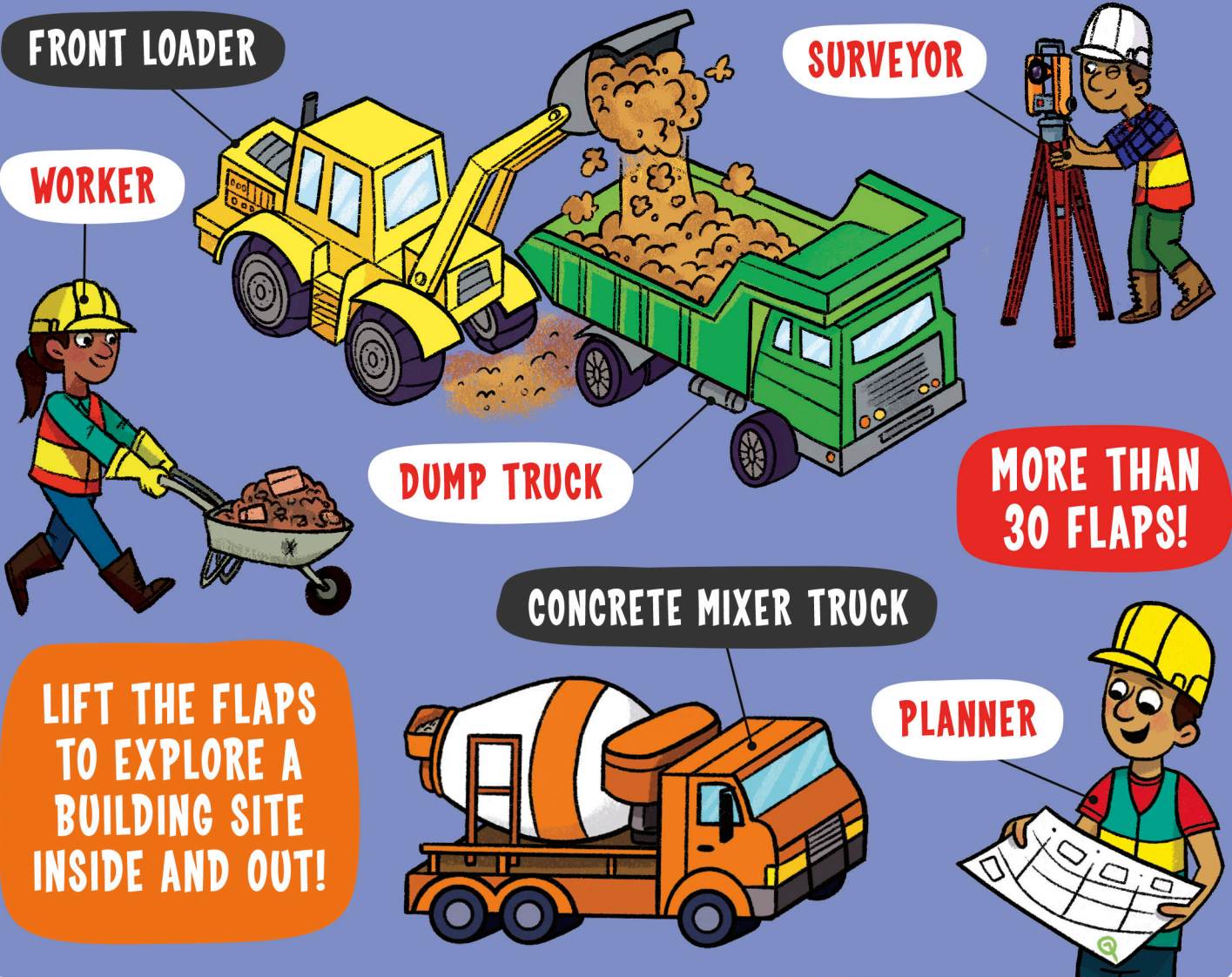
**DUMP TRUCK**

**MORE THAN  
30 FLAPS!**

**CONCRETE MIXER TRUCK**

**PLANNER**

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



## A BUSY BUILDING SITE

New houses, schools and skyscrapers are made on a building site. It takes a team of people to put a new building together. These workers are getting started on a new job and there is lots to do.



### KEEP OUT!

A building site can be dangerous! There are big machines driving around and deep holes in the ground. Signs and high fences keep people out.

### Office work

This is the site office. Inside, the workers in charge keep the build on track.



Let's get to work, team!

### Bright and early

Workers arrive at the building site early in the morning to make the most of the day.



Good morning, Olle!



Hard hat

Hi-vis jacket

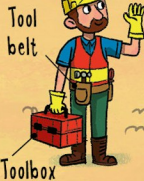


Safety boots

Thick gloves

### Dressed for the job

The workers wear special safety gear. A hard hat and tough boots protect them from falling objects. A bright hi-vis jacket makes them easy to spot.



Tool belt

Toolbox

### Useful tools

Workers carry some tools in their tool belt and some in a toolbox.



Good morning, Maria!

### Muddy boots

The building site can get very muddy! Workers can clean up their boots at a boot wash station.



Boot wash station

What is in here?



Drone

Drone pilot



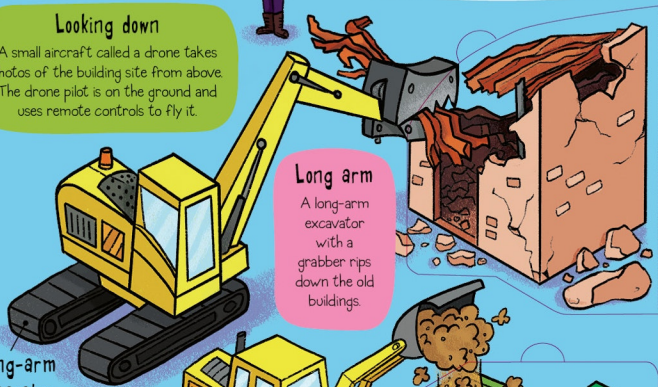
## PREPARING TO BUILD

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.

### 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.

Long-arm excavator



### Long arm

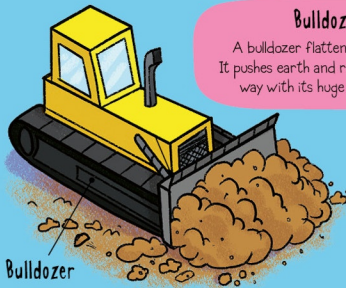
A long-arm excavator with a grabber rips down the old buildings.

### 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

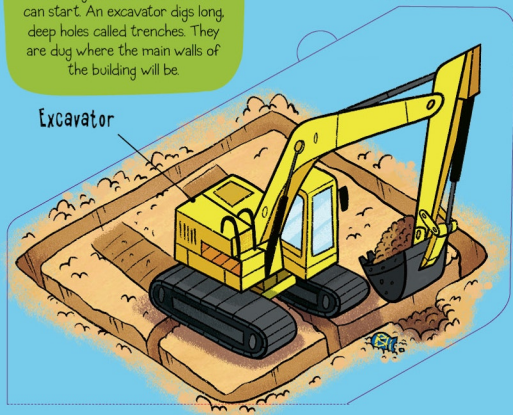
### Bulldozer

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

### 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



### Surveyor

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

Surveyor



Ready when you are!

Theodolite



### Buried treasure

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

Stop digging!



# 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

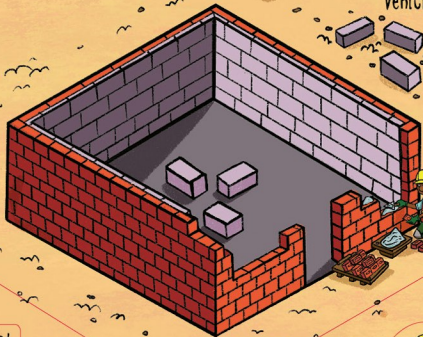
Trucks arrive loaded with the materials to build the houses.



Heavy goods vehicle

## Tall walls

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



Bricklayer

## 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!

## Stay safe

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



Roofer

## Scaffolding

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

## 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

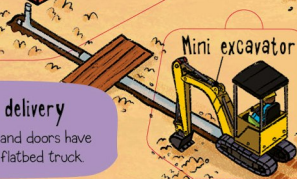


flatbed truck

## Special delivery

The windows and doors have arrived on a flatbed truck.

## Mini excavator



## HEAT, POWER AND WATER

Once a house is built, there are lots of jobs to do inside. Lots of different workers help to turn an empty building into a home, with places to wash, cook, eat and sleep.

What is happening under here?

What is being fitted on the roof?

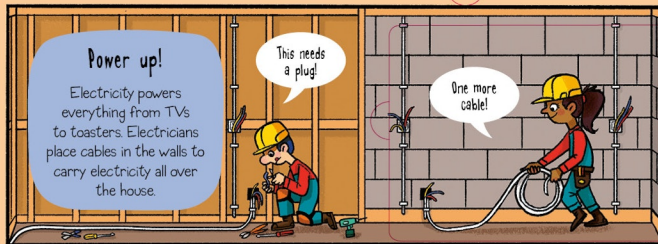
### Running water

A plumber connects water pipes to the taps, toilet, bath and shower.



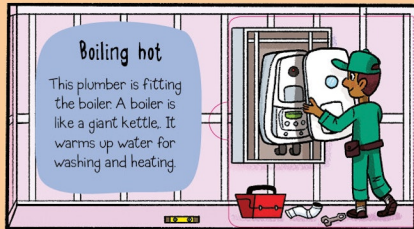
### Power up!

Electricity powers everything from TVs to toasters. Electricians place cables in the walls to carry electricity all over the house.



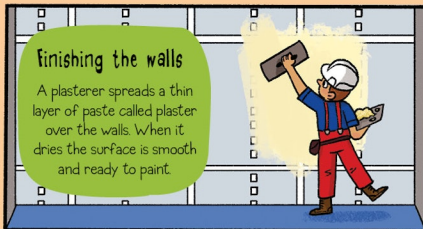
### Boiling hot

This plumber is fitting the boiler. A boiler is like a giant kettle. It warms up water for washing and heating.



### Finishing the walls

A plasterer spreads a thin layer of paste called plaster over the walls. When it dries the surface is smooth and ready to paint.



### Working with wood

Carpenters work on the wooden parts of the house. They fit wood frames in doorways and hang the doors inside them.

