

Using rocks

Planet Earth is made of rocks...Some rocks are deep underground, some rocks are at the surface.

We use rocks

**to make roads, paths,
bridges, walls, floors,
buildings, roofs and even
fire.**

How have rocks been used to make things like bridges, paths and buildings?

The rocks have been cut and used to make walls, pools, statues, houses, roofs and steps.

**What other things do we make from
rocks?**

Tables, seats, buildings.

Properties of rocks

Rocks can be strong
(for example, granite).



Rocks can be soft
(for example, white chalk).



Rocks can be **waterproof**
(for example, slate).



Rocks can be **made into shapes**
(for example, marble).



Why do we find these different properties of rocks useful?

Strong (**granite**) – we can use rocks to make bridges and buildings.

Soft (**chalk**) – we can write with chalk.

- Made into shapes (**marble**)
- waterproof (**slate**) – we can keep our buildings dry.

Some rocks burn (**coal**) – to keep us warm.

Coal: Black, shiny and hard.



Chalk: white, hard and soft.



Limestone: hard, white or grey.
**We use it to build walls and
buildings.**



What is the **quarry**?

We dig up rocks **quarries**, in deep •
mines and from river beds.



We use tools, diggers, trucks and trains to dig and move the heavy rocks.



Sometimes we use **explosives** to break rocks into pieces.



We get **sandstone** from the **quarry**.



What is a deep mine?

A place where we dig up rock deep underground. This is a very **dangerous** work.



Rocks we get from mines are **coal**, **marble**, **salt**.



River bed

A river bed **is a place where we dig stones.** We use spades and big diggers.



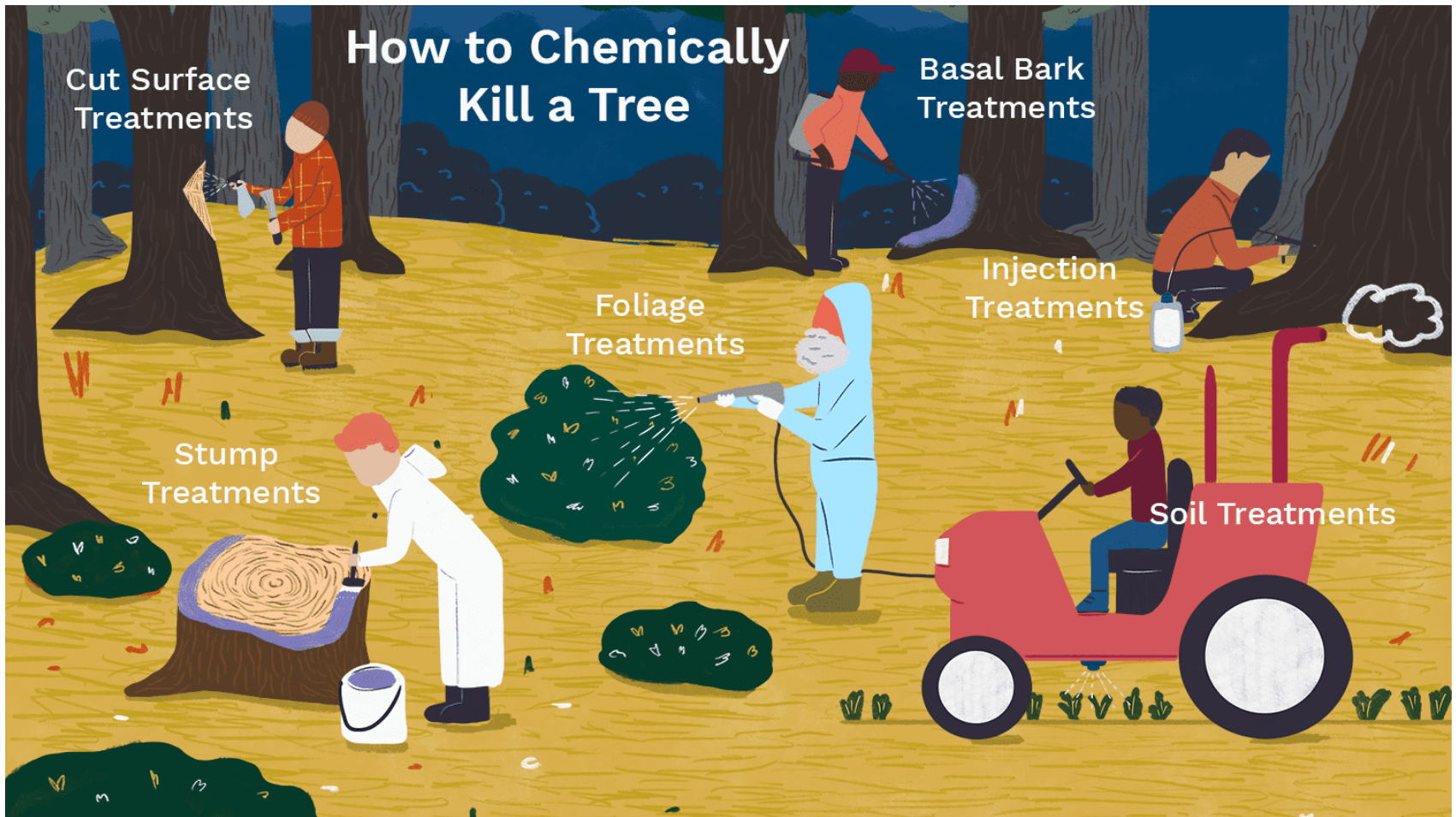
From rivers we dig sand, gravel and pebbles.



When people dig up rocks they damage the environment.



Trees and other plants are killed.



Animals are killed and lose their homes.



Using **water** to sort **small rocks**.



A **stone** is a **small rock**.



The **moving water** in the bowl



sorts **lighter, smaller** stones **from** the
larger, heavier stones.

