



Working with Explosives in Demolition and Construction

By Ruth Owen







Morking with Explosives in Demolition and Construction

by Ruth Owen

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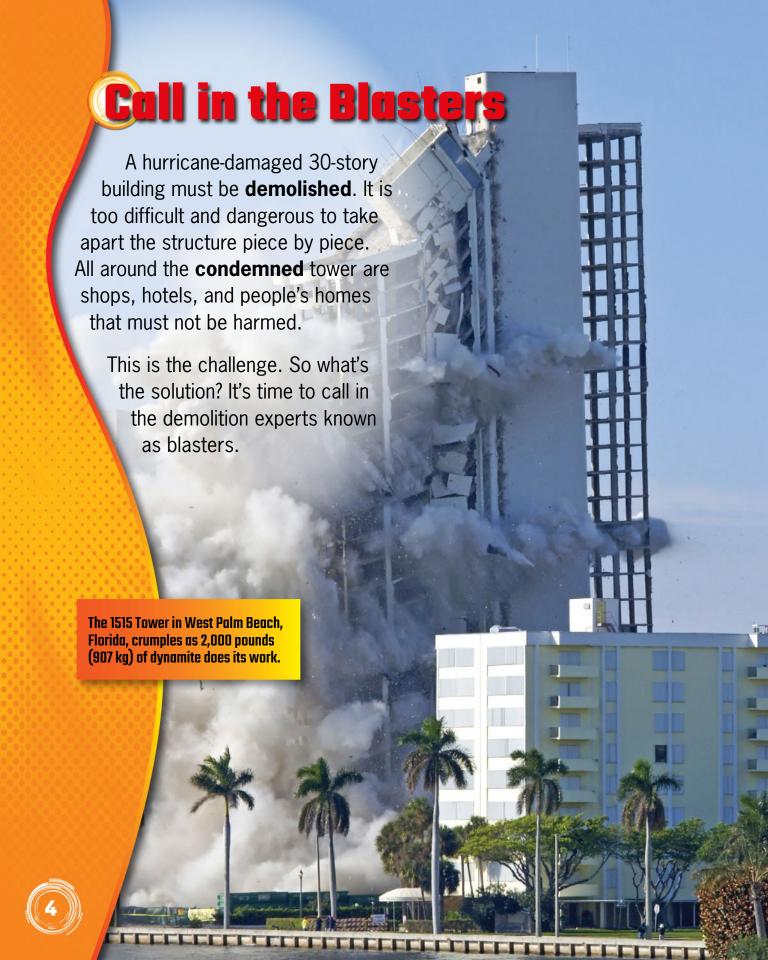
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Blasters are highly skilled **engineers** who rig a building with **dynamite**. The explosive **charges** are placed with absolute precision to ensure that a building collapses within a specific area. When the explosives are **detonated**, the building's framework must shatter. Then **gravity** does the rest!

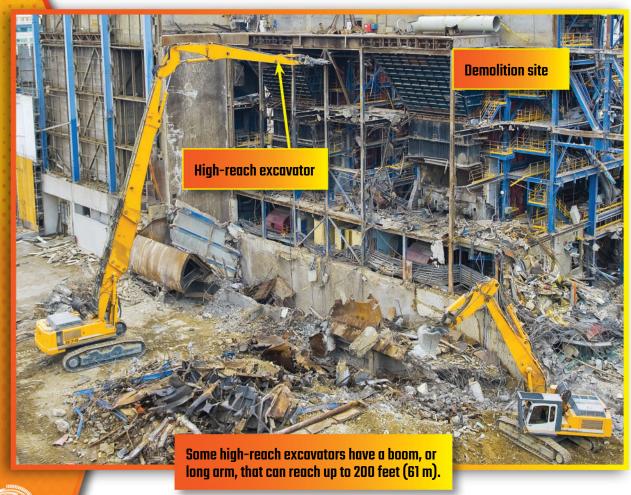


The World of Demolition

There are many reasons why a building is demolished. It might be unsafe because it's been damaged by fire or extreme weather.

The ground where it stands may be needed for a new construction project. Sometimes old factory buildings are demolished when companies go out of business.

Most demolition is carried out by expert workers using excavators and other machines. Even tall buildings can be pulled apart by high-reach excavators.





Jaw-like tools are attached to an excavator's boom, or arm. These powerful tools can tear down walls, crush concrete, and cut through steel.

Sometimes, however, a building is too tall or too massive to be demolished by people and machines. In these cases, an explosive demolition is the only answer.

Demolition
experts try to recycle
metal, bricks, and other
materials. Excavators scoop
chunks of concrete and other
debris into a rubble crusher.
This material is crushed and
can be used as part of
the **foundation** for a
new building.

