

# ENGINEERING for Natural Hazards



Engineers are always working to find ways to help people survive natural hazards such as an avalanche, earthquakes, floods and hurricanes. Engineers build **snow fences** in order to hold the snow or redirect it away from buildings. Engineers build machines that can help them predict earthquakes through data they collect. They also build bridges and structures that can withstand the forces of an earthquake. In areas where flooding is possible, engineers build **dams** and **levees** to try to prevent or minimize flooding. Engineers build **tractors** that clear cut **fire lanes**. These lanes stop the spread of forest fires.

Choose the engineering solution to the natural hazard. Check the box with the correct solution.



dam

snow fence



levee

fire lane



snow fence

fire lane

# Engineering Natural Hazards Worksheet



# Worksheet Answer Key.

Scan the QR code to get the answer key for this worksheet. In it, you'll also find an explanation of how to solve the worksheet and additional learning resources.

**Engineering for Natural Hazards**

Engineers are always working to find ways to help people survive natural hazards such as an **earthquake**, **hurricane**, **tsunami**, and **floods**. Engineers build **snow fences** in order to hold the snow or redirect it away from buildings. Engineers build machines that can help them predict earthquakes through data they collect. They also build **levees** to hold back water and **fire lanes** around the forces of an earthquake. In areas where flooding is possible, engineers build **dam**s and **levees** to prevent or minimize flooding. Engineers build **tractors** that clear cut **fire lanes**. These lanes stop the spread of forest fires.

Choose the engineering solution to the natural hazard. Check the box with the correct solution.

**dam**   **snow fence**

**levee**   **fire lane**

**snow fence**   **fire lane**

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