

A close-up photograph of a male technician with short brown hair, wearing a grey shirt and a yellow safety vest, working on a complex engine. He is using a red-handled wrench to adjust a component. The engine is filled with various pipes, hoses, and mechanical parts. A prominent red speech bubble with a white border is overlaid on the left side of the image, containing the text 'How Can We Solve Problems?'. In the background, a blue component with a 'DANGER' warning label is visible. The overall scene is brightly lit, suggesting an industrial or workshop environment.

**How Can
We Solve
Problems?**



HOUGHTON MIFFLIN HARCOURT

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A woman with blonde hair, wearing a blue hard hat and a high-visibility yellow and black safety vest, is shown in profile, looking down at a set of blueprints she is holding. The background is a blurred construction site with a brick building under construction and a clear blue sky.

engineer

An engineer is a person. An engineer can solve a problem.



new road

engineer

Some engineers design new roads.



Some engineers design things we use at home.



better car

Some engineers design better cars.



problem

You can be an engineer.



You can solve problems!

Responding

Plan a Solution

Remind children that they can be engineers. Ask them to think about a problem at school, such as litter on the playground. Talk about the problem as a group. Then encourage children to propose a solution in their own words.

Steps to Solve a Problem

Tell children that you want them to think like an engineer. Read each of the following sentences aloud. Have children complete each one.

1. First, name a _____.
2. Second, _____ a way to fix it.
3. Next, _____ the problem.

Vocabulary

design problem
engineer solve



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