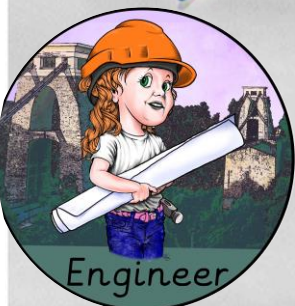


# How does science help the vulnerable?



**Engineer:**

I can develop an effective shelter.

**Scientist:**

I can classify and compare materials and their properties.

**Engineer:**

I can evaluate my shelter design using technical vocabulary.

**Philosopher/Geographer:**

I can understand displacement and what it means to be vulnerable.

**Scientist:**

I can investigate the properties of insulation.

**Scientist:**

I can interpret the results of my investigation and present my findings.



**Scientist:**

I can investigate solubility with different solutes.

How do you keep things warm?



**Scientist:**

I can explore reversible and irreversible changes.

**Scientist:**

I can design an investigation to prove a hypothesis about separating materials.

What is the difference between a solution and mixture?

**Engineer:**

I can explore existing inventions and how they help vulnerable people.

**Engineer:**

I can identify problems and discuss solutions.

Which inventions have helped vulnerable people?

**Engineer:**

I can develop and design improvements to an existing invention.