

Taster Talk Activity

What is engineering? Can you state some applications of engineering? Why engineer? Can you describe how engineers can change the world we live in? How do we engineer? Can you identify some of the skills that engineers might need to do their jobs?

go.bath.ac.uk/taster-talks

Video – Dr Paul Shepherd

On shaky ground – engineering buildings to stand tall

Watch the video

Note any questions

Discuss with a partner

Write your responses

Discuss with the group

Dr Paul Shepherd shares how understanding swings, Jenga and bridges help engineers design and build the very biggest structures in the world.

Discussion points:

What sort of challenges do you think a structural engineer might face when working in your local area?

Why might engineers be especially important in places where there are many construction projects?