

Engineers, Forces and Play



Forces engineers use to design play



Swings

A push makes a swing go; gravity pulls it back.



Slides

Gravity pulls us down the smooth slide.



See-saws

One side pushes down as the other lifts up.



Pull-along toys

A pull on the string makes the toy follow.

TEACHER TALK - DESIGN WITH FORCES

Explain that engineers use what they know about pushes and pulls to design safe, fun playgrounds and toys. Ask: which push or pull makes each ride move?