

Which join holds?

engineering

What you need: card strips (about 15 cm by 3 cm) · sticky tape · teacher-prepared glue joins (PVA, fully set) · PVA glue · paperclips · split pins · sorting hoops or labelled table zones (holds firm / swings (stays linked) / holds loosely or slides) · Investigation Journal page

Words to use

Join · Firm join · Swinging join

Words to sort

sticky tape join · ready glue join · paperclip join · split pin join

Does the join lock still, swing while still linked, or hold loosely and slide?

Group 1	Group 2	Group 3

Draw One firm join and one swinging join, plus a classroom job for each

Which join held firm?

Which join could swing while still linked?

What classroom job suits each kind?