

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)

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?

locks still	swings but stays linked	holds loosely and slides

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?