

Learning: DT	To explore different ways to temporarily join materials together.
Before the lesson have ready: Temporary join resources, containers to hold resources. Resource suggestions: Ribbons, string and wool (tie together to make knots or bows), building blocks and bricks, stickle or bristle bricks, paper and paper clips (scissors would make a good addition to this area), unifix cubes, velcro-based items, such as a paddle and ball Velcro set or Velcro-fastening shoes. Activity: 1. Ask “<i>Why do we join things together?</i>” (to make models, to create different shapes, to make something bigger or stronger etc.) 2. Discuss this together and recall the different ways the children have joined materials when making models in the junk modelling area. Many of these methods of joining are permanent such as glueing. This means that the materials are meant to stay together: when we glue, we don’t want it to come apart again; if we did pull it apart, it wouldn’t look the same as before. “<i>What would happen if I glued two pieces of paper, let them dry and then pulled them apart? Would they be the same as before I glued them?</i>” 3. The children will explore a different type of join – a temporary one. This means that even though we might join things together, they can quickly be taken apart again and look the same as when we started. 4. Now invite the children to explore the temporary joins area you have set up. Allow them to lead their own learning, building and creating in whichever way they choose. As they play, support their vocabulary, critical thinking and problem-solving. 5. At the end of the session, invite the children to talk about the temporary joins they explored: “<i>Can you tell us about what you created?</i>” “<i>Were you able to easily take your creation apart again?</i>” “<i>Which temporary joins did you explore?</i>” “<i>Were any of the joins easier to break than others?</i>” Prompts for learning: “Oh look, I can easily take this tower apart. The joins are temporary”. “Permanent joins mean the materials stay joined forever. Temporary joins mean they can easily be taken apart again”. “When we join these objects together, we can take them apart again”.	
Vocabulary Join, temporary, permanent, materials, push, pull, break, separate, fix	
Learning outcomes: <u>Physical development:</u> Develop small motor skills so that they can use a range of tools competently, safely and confidently. <u>Expressive arts and design:</u> Return to and build on their previous learning, refining ideas and developing their ability to represent them. <u>ELG: Creating with Materials:</u> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. <u>Characteristics of effective learning:</u> Playing and exploring, active learning and creating and thinking critically.	