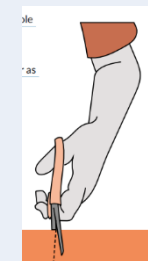
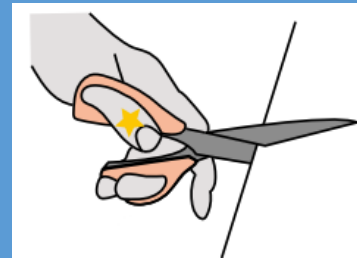


Structures: Junk modelling

In this unit, pupils explore and learn about various types of permanent and temporary join. They are encouraged to tinker using a combination of materials and joining techniques in the junk modelling area.



- 1 **Finger Positioning:** Put your fingers in the big hole at the bottom of the scissors and keep your thumb on top. You can use a sticker on your thumb to remember to keep your thumb up while cutting.
- 2 **Elbow Positioning:** Keep your elbow close to your side while using the scissors. You can put a piece of paper or card between your elbow and your side. If the paper or card falls down, it means your arm is moving too far away from your side.
- 3 **Start with Small Cuts:** Begin by making small snips in your paper. As you get better, you can try longer lines, squiggles, or zigzags.
- 4 **Turn the Paper:** Use your other hand to turn the paper as you cut, instead of moving the scissors and your wrist.
- 5 **Sing a Song:** Sing this fun song to remember how to hold your scissors: "Fingers on the bottom and thumbs on the top, Open up the scissors and snap them shut. Fingers on the bottom and thumbs on the top, That's the way we cut, cut, cut!"
- 6 **Tools and Safety:** Make sure you have the right scissors for you. If you're left-handed, use left-handed scissors. If you have trouble holding scissors, try easy-grip squeeze scissors.



Vocabulary	Definition
Model	Something you make with different materials.
Join	Putting two things together.
Materials	Different things we use to make something.
Bottle tops	The round caps from bottles.
Wheels	Round things that help something move.
Scissors	Special tools to cut things.
Foam packing peanuts	Soft squishy things used for packaging.
Bubble wrap	Plastic with bubbles that pop when you press on it.
Grass and flowers	Things that grow outside, like in a garden.
Cooked pasta	Noodles that have been cooked and are ready to eat.
Kitchen roll tubes	The cardboard tubes from kitchen paper.
Tin foil	Thin, shiny metal that you can wrap things in.
Feathers	Soft, colorful things that birds have.
Straws	Long, thin tubes that you can drink from.
Playdough	Soft and squishy material for making things.
Thumb up	Lift your thumb in the air.
Fingers down	Put your fingers close to your palm.
Elbow by your side	Keep your elbow close to your body.
Crocodile's mouth	Open and close your scissors like a crocodile's mouth.
Door	A way to go in and out of a room.
String	Thin, long material like a shoelace.
Share	Giving something to others so everyone can use it.
Creation	Something you made with your hands.
Problems	Things that are not working or need fixing.
Plan	An idea of what you want to make.
Knots	Tying string or rope together in a special way.
Bow	A pretty knot that looks like a bow on a present.
Building blocks	Blocks that you can stack to make structures.
Bricks	Solid blocks made of clay or stone.
Stickle/bristle bricks	Blocks with little pointy parts on them.
Paper	Thin material you can draw or write on.
Paper clips	Small metal clips for holding paper together.
Unifix cubes	Small blocks that you can snap together.
Velcro	Special material that sticks together when pressed.
Paddle and ball Velcro set	A game where you throw a ball at a paddle and it sticks.
Permanent joins	Things that are stuck together forever.
Temporary joins	Things that can be taken apart easily.