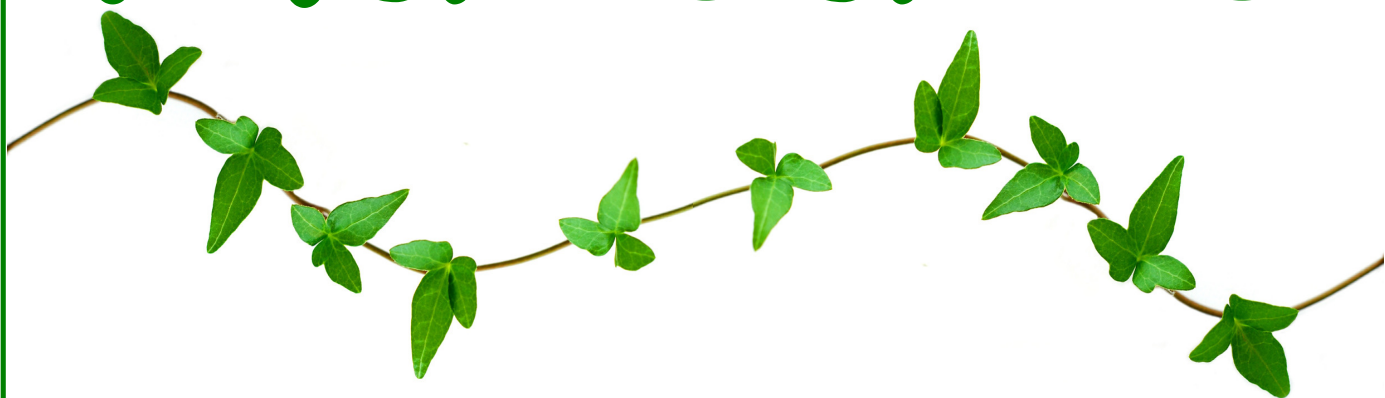




Malleable



STAGES OF DEVELOPMENT IN FORMING (1)

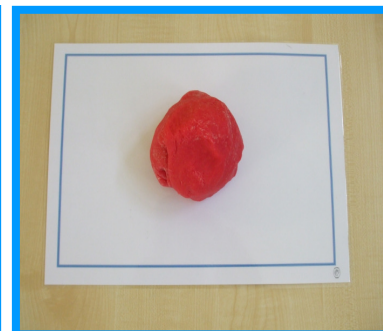
Starting with dough, progress to other malleable materials including clay.

DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

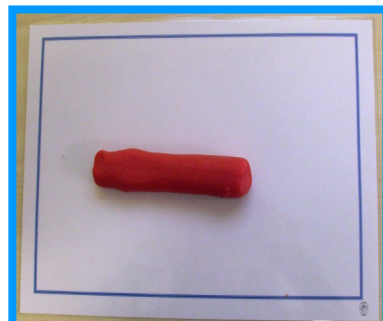
Explores malleable material.

Adult - Provides a fist-sized piece of malleable material per child. Allows child to freely explore pinching, prodding, thumping, pressing, squeezing, tearing, flattening etc.
Resources - Malleable material, mat.



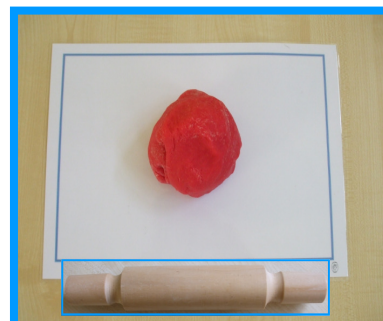
Rolls malleable material back and forth with hands.

Adult - Helps child to tear off smaller pieces of malleable material. Models how to roll it back and forth, either on a flat surface or between hands, to form a sausage shape.
Resources - Malleable material, mat.



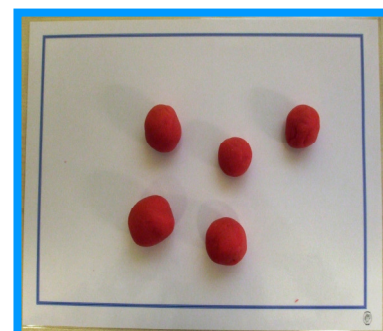
Flattens malleable material using a rolling pin.

Adult - Models alongside child.
Resources - Malleable material, mat, rolling pin.



Rolls malleable material into a ball.

Adult - Models how to roll the malleable material round and round, either on a flat surface or between hands, to form a ball shape (sphere).
Resources - Malleable material, mat.



Uses shallow moulds with malleable material to form a shape.

Adult - Models alongside child. Supports child in carefully removing the malleable material from the mould.
Resources - Malleable material, mat, shallow moulds e.g. silicon and plastic moulds etc.



STAGES OF DEVELOPMENT IN FORMING (2)

Starting with dough, progress to other malleable materials including clay.

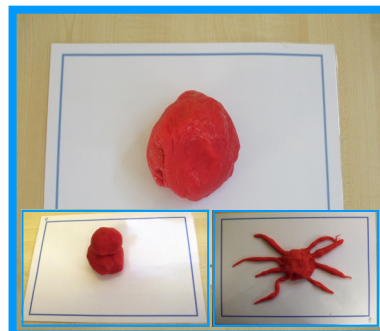
DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

Creates a model that has meaning for them, using fingers and hands.

Adult - Encourages child to make and talk about their own original creation. Celebrates the differences between children's models.

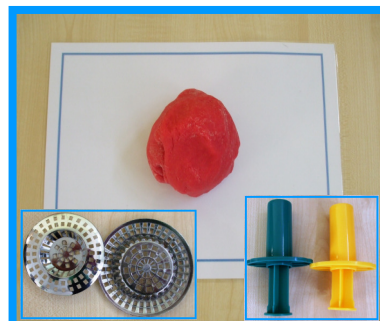
Resources - Malleable material, mat.



Explores pushing and squeezing malleable material through holes.

Adult - Models alongside child and offers support if required.

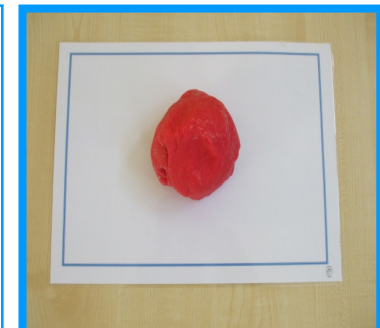
Resources - Malleable material, mat, extruders, sink strainers.



Explores joining pieces of malleable material

Adult - Models how to use fingers to press and smooth joins.

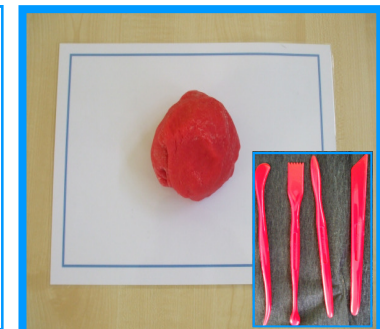
Resources - Malleable material, mat.



Explores joining pieces of malleable material using modelling tools to press and smooth.

Adult - Models smoothing over the join with palette knife or spatula.

Resources - Malleable material, modelling tools, mat.



Creates a thumb pot.

Adult - Models creating thumb pots by pushing thumb into a ball of malleable material and shaping into a pot shape. Encourages child to make their own.

Resources - Malleable material, mat.



STAGES OF DEVELOPMENT IN FORMING (3)

Starting with dough, progress to other malleable materials including clay.

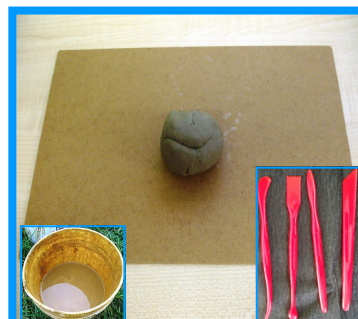
DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

Explores joining pieces of clay.

Adult - Models the technique of making and using slip to join clay (makes slip by adding water to clay to create a thick paste for joining).

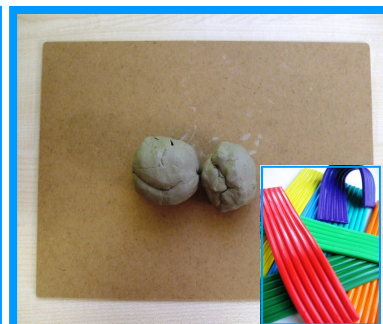
Resources - Clay, modelling tools, mat, slip.



Uses different techniques to help create a models.

Adult - Demonstrates how to join two pots together to create the body of a model.

Resources - Malleable or other modelling materials, mat.



Creates a coil/ring pot.

Adult - Models creating coil/ring pots by coiling lengths of rolled malleable material to form a pot shape. Encourages child to make their own.

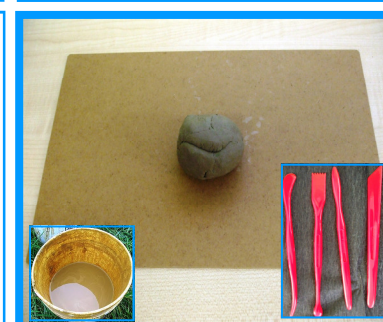
Resources - Malleable material, mat.



Uses acquired skills and techniques to create a model that has personal meaning.

Adult - Discusses model with child and gives support if needed.

Resources - Malleable material, mat, modelling tools, slip.



Plans in advance and then shapes malleable material to make desired model.

(At a more advanced stage the child might draw a design for the model first).

Adult - Discusses design/model and provides encouragement.

Resources - Modelling tools, paper, malleable material, pens/pencils, mat.



STAGES OF DEVELOPMENT IN CUTTING

Starting with dough, progress to other malleable materials including clay.

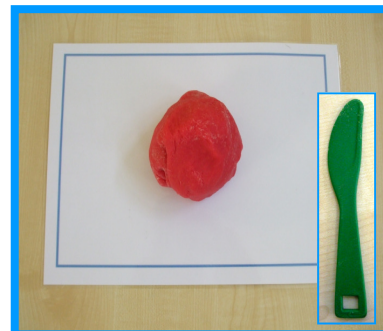
DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

Explores making cuts in malleable materials.

Adult - Models using a blunt knife to make cuts safely.

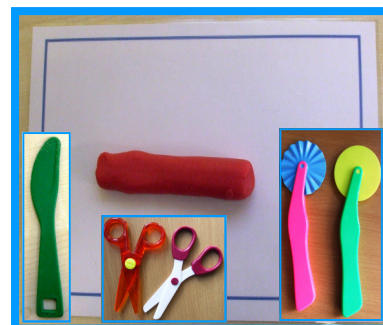
Resources - Malleable material, mat, blunt knife.



Makes cuts through malleable material rolled into sausage shapes.

Adult - Introduces different cutting tools and models their use.

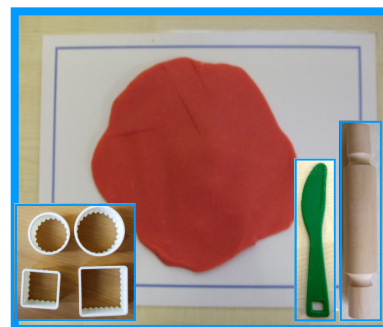
Resources - Dough, mat, blunt knife, cutting wheel, plastic scissors.



Makes cuts through a flattened piece of malleable material.

Adult - Draws attention to the need to have a flattened piece of malleable material prior to cutting. Introduces different cutting tools and models their use.

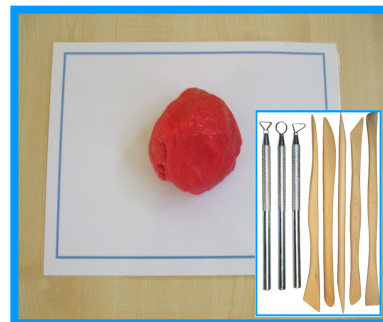
Resources - Malleable material, mat, rolling pins, blunt knife, pastry cutters, cutting wheel, plastic scissors.



Uses conventional modelling tools to cut through malleable materials.

Adult - Introduces conventional cutting tools and models their use.

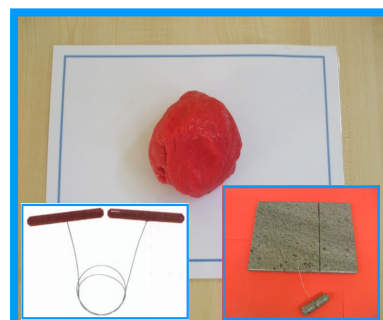
Resources - Malleable material, mat, cutting tools.



Uses a cutting wire to cut clay.

Adult - Introduces a cutting wire and models its safe use.

Resources - Malleable material, mat, cutting tools.



STAGES OF DEVELOPMENT IN DECORATING

Starting with dough, progress to using other malleable materials including clay.

DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

Randomly sticks objects into the malleable material and leaves them in position.

Adult - Offers child large objects, progressing to smaller ones, to place in the malleable material.
Resources - Malleable material, mat, various objects for decorating.



Uses objects to decorate the dough which may involve placing objects in different positions before deciding on the final position.

Adult - Plays alongside child, encouraging him/her to make considered choices.
Resources - Malleable material, mat, various objects for decorating.



Verbally plans, chooses and positions objects to make a design.

Adult - Discusses intention with child and gives support if needed.
Resources - Malleable material, mat, various objects for decorating.



Plans in advance, draws a design and decorates to enhance their desired model.

Adult - Discusses design/model and provides encouragement.
Resources - Malleable material, mat, various objects for decorating, paper, pencils/pens.



Draws a design, implements, evaluates and refines.

Adult - Supports and encourages child to evaluate and refine his/her original design/model.
Resources - Malleable material, mat, various objects for decorating, paper, pencils/pens.



STAGES OF DEVELOPMENT IN MAKING MARKS (1)

Starting with dough, progress to other malleable materials including clay.

DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

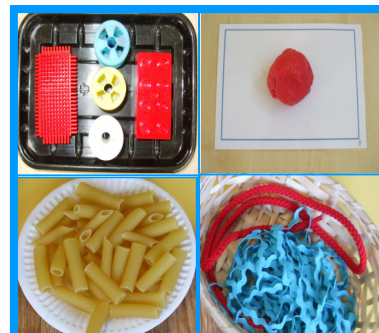
Explores making marks on malleable material.

Adult - Gives child time to freely explore and draws attention to the marks made with fingers and hands.
Resources - Malleable material, mat.



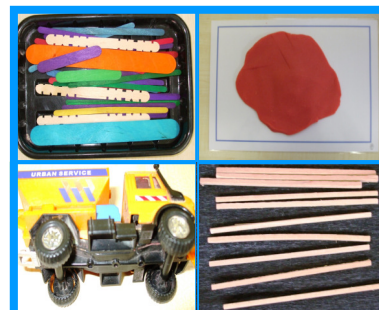
Randomly presses different types of objects into malleable material and observes marks made.

Adult - Plays alongside child and models pressing objects into the malleable material. Gradually increases choice of objects. Encourages child to notice marks made.
Resources - Malleable material, mat, various objects.



Flattens the malleable material then randomly presses/roll objects into it and observes the marks made.

Adult - Plays alongside child and models flattening the malleable material and pressing/rolling objects into it. Encourages child to notice marks made.
Resources - Malleable material, mat, various objects.



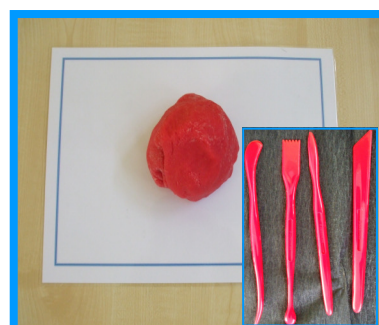
Explores using tools to make marks in the malleable material.

Adult - Models using tools to make marks in malleable material. Begins using one tool and progresses to using a selection. Encourages child to notice marks made.
Resources - Malleable material, tools, mat.



Uses modelling tools in a conventional way to make marks in the malleable material.

Adult - Models using tools to make marks in malleable material. Begins using one tool and progresses to using a selection. Encourages child to notice marks made.
Resources - Malleable material, modelling tools, mat.



STAGES OF DEVELOPMENT IN MAKING MARKS (2)

Starting with dough, progress to other malleable materials including clay.

DESCRIPTION OF STAGE

ADULT SUPPORT AND RESOURCES

Verbally plans, chooses tools and makes marks to create a design.

Adult - Discusses intention with child and gives support if needed.
Resources - Malleable material, mat, mark making tools.



Plans in advance, draws a design and then makes marks in the malleable material.

Adult - Discusses design and provides encouragement.
Resources - Malleable material, mat, mark making tools, paper, pens/pencils.



Draws a design, implements, evaluates and refines.

Adult - Supports and encourages child to evaluate and refine their original design/model.
Resources - Malleable material, mat, various objects for mark making, paper, pens/pencils.



Playdough [Recipe 1]

No cook

What you need :-

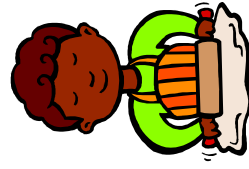
1kg.320g plain flour
440g salt
2tbs cooking oil
800mls water
[These quantities make a
Loaf-size amount of dough]

Scales

Large plastic bowl
Wooden spoon
Measuring jug
Tablespoon
Airtight container

What you do :-

1. Put the flour and salt into the bowl.
2. Add the vegetable oil.
3. Gradually stir in the water, mixing all the time until it is quite sticky but not too wet.
4. Turn the dough out onto a floured surface and knead.
5. At this point the dough can be divided up and given to the children to continue 'kneading'.
6. Store in an airtight container.



Sir y Flint
Flintshire



Playdough [Recipe 2]

Cook in the microwave

What you need :-

200g plain flour
100g salt
2 tspn cream of tartar
1 tbs cooking oil
300 mls water
Food colouring

Scales

Bowl suitable for use in microwave.
Wooden spoon
Measuring jug
Teaspoon
Tablespoon
Microwave
Airtight container

What you do :-

1. Put the flour, salt, cream of tartar and oil into a large bowl.
2. Add the food colouring to the water.
3. Add the liquid gradually to the ingredients in the bowl and mix well.
4. Put the bowl—uncovered in the microwave and cook on full power for one minute.
5. Use oven gloves to remove it from the oven and stir well.
6. Replace the bowl and continue cooking until the mixture starts to leave the sides of the bowl and becomes stiff—approx 2-3 minutes [stir at least once during this time].
7. Using oven gloves, remove from the oven onto a heatproof surface.
8. Scrape out the dough with a wooden spoon onto a lightly floured surface.
9. Knead well.

WARNING

The playdough looks very tempting to young children at this stage and can be very cool on the outside but extremely hot on the inside.

Not suitable for children to make.

Playdough [Recipe 3]

Use boiling water

What you need :-

- 1 cup of salt
- 2 cups of boiling water
- 2 cups of plain flour
- 4 tspns cream of tartar
- 2 tbls of cooking oil
- Food colouring [optional]
- Mug/large cup
- Large bowl
- Wooden spoon
- Measuring Jug
- Airtight container
- Tablespoon
- Teaspoon
- Kettle

What you do :-

1. Put the flour, salt, cream of tartar, cooking oil and food colouring into a large bowl.
 2. Add boiling water and stir well until the dough forms a large ball.
 3. Turn out onto a lightly floured surface and knead well.
 4. Store in an airtight container.
- You could try mixing essence to make 'smelly dough' or lentils to make it textured.



WARNING

This dough should not be made by children.



Playdough [Recipe 4]

Cook on the hob

What you need :-

- 2 cups of salt
- Approx 1 cup of water
- 1 cup of cornflour
- Mug/large cup
- Large saucepan
- Small bowl
- Wooden spoon
- Airtight container

What you do :-

1. Put 2 cups of salt and 2/3 cup of water into the saucepan and bring to the boil
2. Meanwhile put the cornflour into the bowl and gradually stir in the remaining 1/3 cup of water.
3. When the water and salt mixture has boiled, remove from the heat and stir the cornflour and water mixture into it.
4. Return the pan to the hob and heat slowly, stirring all the time.
5. When this has begun to thicken, remove from the heat and stir until the mixture is very stiff.
6. Turn out onto a lightly cornfloured surface and knead well.
7. When cool, store in an airtight container.

This 'clay' can be air dried in approximately 72 hours—depending on the size of the finished item and can then be painted

WARNING

This cornflour clay looks very tempting to young children at this stage but is very hot when removed from the pan.

Not suitable for children to make.