

5. To be able to create a 3D model

Milestone 5.1

The child can explore and manipulate different materials using all their senses to investigate them.

Milestone 5.2

The child can manipulate materials to represent something that is familiar to them. The child begins to use their imagination.

Milestone 5.3

The child can make simple models which express their ideas. The child uses tools with support of an adult.

Milestone 5.4

The child can use a range of materials and resources to make imaginative and complex models.
The child can use a range of tools and know how to use these safely.

Possible sequence of learning:

- Explores and experiments with a range of sensory materials
- Selects resources and materials with adult help
- Manipulates playdough
- Uses one handed tools
- Threads using a variety of large resources
- Builds, stacks, rolls and lines up objects independently with a range of appropriate resources
- Uses one word to describe a model
- Uses resources to represent something else
- Explores different joining materials i.e. tape, string
- Completes inset puzzles
- Explores shapes and talks about their properties
- Puts materials together i.e. -playdough and shells
- Copies simple models i.e. adult makes a rocket and child copies
- Notices patterns and arranges objects in patterns
- Selects shapes for a purpose
- Uses language of size and capacity i.e. big and small, heavy and light, long and short, full and empty
- Uses one-handed tools and equipment with a purpose in mind
- Selects resources and materials independently
- Builds with large and small loose parts
- Manipulates a variety of resources with increasing control and intent
- Shows control using one handed tools
- Engages in complex block play including enclosures
- Combines shapes to make new ones
- Uses and understands positional language

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| | <ul style="list-style-type: none">• Uses sentences to describe their model or structure• Uses a comfortable grip with good control when using pens and pencils• Uses comparative language of size and capacity i.e. big, bigger, biggest• Finds solutions for problems in their creations• Uses shape names and talks about properties• Recognises, repeats and talks about patterns• Plays collaboratively using language to negotiate and co operate |
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Final Milestone

The child decides on the model they will make. The child can choose the materials/resources they want to use, shape materials with tools and join materials together. The child can talk about their model and reflect on their learning.