

Over 2`s Activities

Milk and Food Colouring Experiment



Resources Needed:

- Milk
- Food colouring
- Plate/ bowl
- Cotton bud
- Washing up liquid

Duration:

10 minutes

Intent:

For the children to develop their senses using different media materials. Watching the effect of mixing milk, food colouring and washing up liquid together.

Implementation:

- Pour a small amount of milk into a bowl/ plate.
- Add a few drops of food colouring to the milk.
- Dip the cotton bud into a pot of washing up liquid.
- Then put the cotton bud into the milk and watch the food colouring move around in the milk.

Keywords and Language:

Milk, food colouring-naming colours, talk about what is happening to the food colouring and milk, talk about the patterns that are forming. Discuss why these patterns might be forming

EYFS Learning Outcomes:

- Communication and Language
- Single channeled attention. Can shift to a different task if attention fully obtained – using the child’s name helps focus.



- Understands 'who', 'what', 'where' in simple questions (e.g. who's that? What's that? Where is?).
- Developing an understanding of simple concepts (e.g. light/heavy)
- Uses language as a powerful means of widening contacts, sharing feelings, experiences and thoughts.
- Holds a conversation, jumping from topic to topic.
- Learns new words very rapidly and is able to use them in communicating.
- Uses gestures, sometimes with limited talk, e.g. reaches towards the toy, saying 'I have it'.
- Uses a variety of questions (e.g. what, where, who).
- Uses simple sentences (e.g. 'Mummy gonna work.')

- Understanding of the World
 - Notices detailed features of objects in their environment.

- Expressive Arts and Design
 - Experiments with blocks, colours, and marks.

