

DT – Roly poly toys

Evolution

Prior Knowledge

Previously, the children made moving pictures and shadow puppets in DT units of work.

They have had experience of playing with and using push along toys in both EYFS and at home.



How do toys move?



My Component Knowledge:

Lesson 1: I can explain what I know about toys that roll.

Lesson 2: I can investigate different sorts of rolling motions and how these can be achieved.

Lesson 3: I can use my knowledge of the parts of the human face and how these create expressions to investigate face designs.

Lesson 4: I can investigate how to decorate the body of the toy e.g. a tube, so that it looks appealing when still and when it is rotating.

Lesson 5: I can design and make a simple push-along toy (a roly poly) using a mixture of found materials, paper and card.

Lesson 6: I can explain how my roly poly toy works.

My Composite Knowledge:

I can design and create a rolling toy. I can use materials to make simple joints.

My Powerful Knowledge:

I am beginning to understand how about different sorts of rolling motion and how these can be achieved by particular arrangements of wheels. I can use a mixture of different materials to create a new product.

Key Vocabulary

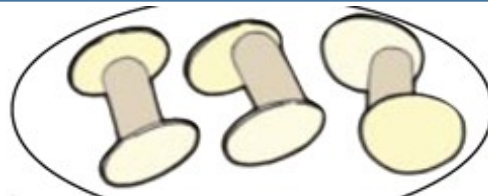
Tier 1: Wheel, roll, path, circle, tube, wind, glitter travel, straight, up and down, cylinder, strong, easy, difficult

Tier 2: Centre, features, expression, zigzag, bracket, slit, weak

Tier 3: Appearance, assemble



How can we fix wheels to a toy to affect the way it moves?



What would you like your toy to look like?