

Game JA1: Extending patterns

Strand: Algebra

Strand Unit: Extending patterns

Curriculum Objectives Covered:

- Identify, copy and extend patterns in colour, shape, and size

Name: “Jewellery Making”

Aim: To make a bracelet by copying and extending a pattern of beads.

Activity Area: Classroom

Duration: 30 minutes

Integration:

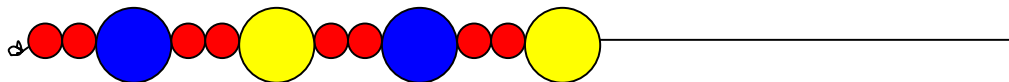
Visual Arts: Fabric and fibre

Resources:

- 1 piece of string for each child (approx 20cm in length)
- 16 small red beads, 4 large blue beads and 4 large yellow beads for each child
- Whiteboard and red, yellow, blue and black markers

Set Up:

1. Draw/Project a picture of a bracelet on the whiteboard with the beginning pattern of the beads on it for the children to copy and then extend. The drawing should look like this:



2. Make a knot at the end of each child's piece of string.
3. Give each child a piece of string, 16 small red beads, 4 large blue beads and 4 large yellow beads.

Start Playing:

1. Before the children start making their bracelets, the teacher shows them the drawing of the beginning part of the bracelet on the whiteboard, and explains that they will have to copy that pattern exactly and then continue the pattern in the same way.
2. The teacher then guides a class discussion around what the children think the next beads in the bracelet should be and asks their reasons for their choices.
3. After the discussion, the children can start making their bracelets by copying and extending the pattern on the whiteboard.
4. When each child has finished making his/her bracelet, the teacher and/or a helper ties the two ends of the string together to make the bracelet.