

Focus plan for Problem solving, Reasoning and Numeracy

Activity -Ferry Across The River Date -

Learning intention

Describe solutions to practical problems, drawing on experience, talking about own ideas, methods and choices.

Say and use number names in order in familiar contexts.

Resources

Photographs and books about ferries and boats

A sheet of blue fabric to be the water

Small world people

Construction kits such as Lego and wooden bricks

Numbered sticky labels

How the activity will be carried out

Invite the children to look at the books and photographs about boats and ferries. Have they ever been on a boat? Where did they go? Help the children to make a river on the floor with the fabric. Let the children make a town on each side using the wooden bricks. Put the small world people on one side of the river. Tell the children that these people need to get to the other side. Ask them to make a ferry that will do this. How big does it need to be? Will it be able to carry everyone at once or will it need to go back and forth? How will the people get onto the boat? Where will they stand? Once the ferry is built, help the children to count the people on and off the boat and give them a sticky label number for each figure.

Questions to ask/Language to use

How far is it? Will it be big enough? What do you think? I wonder if...?

Wide, narrow, big, small, lots, a few

Differentiation (Birth to Three)

Give the children time to play with the resources freely after the activity to explore shape, size and number in their play.

Extension

Children could make a bigger boat to carry cars across their river.

Evaluation