

# Bee-Bot and Blue-Bot Trailer

## *Activity Ideas*



This easy to use trailer simply hooks onto the back of Bee-Bot and Blue-Bot.

The trailer can be used in a number of ways to enhance children's learning.



# Role-Play Activities

The trailer is great for incorporating role play. Here are some suggested activities.



**Postman Delivery** – Why not have the children decorate the Bee-Bot/Blue-Bot as a postman and then program the robot to deliver and pick up letters and parcels from different locations?

**Easter Bunny** – Decorate Bee-Bot/Blue-Bot as an Easter Bunny and send it on a mini egg hunt. Can the children use the clues to find the eggs and program Bee-Bot/Blue-Bot to collect the eggs in its trailer?

**Santa's Sleigh** – Turn the trailer into Santa's sleigh loaded with presents, and design a Santa's suit for Bee-Bot/Blue-Bot. Can the children program the robot to deliver all the presents to the correct houses?

**Carnival Float** – Give the children a theme and have a competition to see who can turn their trailer into the best carnival float. Challenge the children to program their robots to follow the other robot floats in a parade around a given route. Will they all keep their places or will some end up going the wrong way?

# Retrieval Exercises

Incorporate retrieval exercises into your lessons.



## Activity:

Lay out several objects in a line approximately a length of the Bee-Bot/Blue-Bot apart. Now challenge the children to send the Bee-Bot up the line to collect the different objects.

## Add an extra challenge:

To make it more difficult, challenge the children to start without the trailer and then program the Bee-Bot/Blue-Bot to collect and attach the trailer first.



## Note

Due to the Bee-Bot's/Blue-Bot's turning circle, the trailer limits the Bee-Bot/Blue-Bot to 90° turns at a time. So in order for it to be able to complete a U-turn, the Bee-Bot/Blue-Bot must take movement forward after every turn. Why not make this a discussion point with the children? Subject to this the Bee-Bot/Blue-Bot is still able to tow objects with ease.