

Classroom inspiration



Traffic light



1. Activity objective

Learn the importance of road safety by making a traffic light and communicating in a role-play environment.

2. Step by Step

a. Discuss the features of a traffic light and how these materials can be used to represent it. Get students to select materials for their creation including boxes, paper tubes, red, green and yellow plastic lids and assorted packing boxes.

b. To create the lights of the traffic light, get one red, green and yellow lid. Use the **makedo safe-saw** and pierce a hole through the centre of the lids. Position the lids onto the box and use the **makedo safe-saw** to pierce three holes onto the box. Connect these lids on to the box using **makedo pins and clips**.

c. To make the stand, use the **makedo safe-saw** and pierce a hole on the top end of the paper tube and the traffic light box. Position the tube onto the box and connect using **makedo pin and clip**.



Age group

8-10years

Time

40-50 minutes

Materials

Assorted coloured plastic lids

Assorted boxes and packing boxes
long paper tube
makedo re-clip (pin & clips)
makedo safe-saw

Curriculum links

Geography

Educational benefits

Creativity
Logic
Sorting & organising
Fine motor skill
Composition

Classroom inspiration

Step by Step (continued)

d. To make the base of the stand, use the **makedo safe-saw** and saw a hole, the same diameter as the paper tube, on the top of the base box. Insert the tube connected with the traffic lights box into this hole and stand upright.



e. To complete the creation, attach a smaller sized box on to the pole as a pedestrian crossing button **using makedo pins and clips**. Attach a pedestrian crossing light using a red and green plastic cap and attach it to the main traffic light box with **makedo pins and clips**.

3. Class Discussion

🔗 Traffic lights are positioned on road intersections and monitor the flow of cars on roads. The red signals stop, yellow signals prepare to stop and green signals go. These colours are universally known

- 🔗 What does the pedestrian crossing light look like?
- 🔗 What does the flashing red man at a pedestrian crossing signal?
- 🔗 What does the flashing yellow lights at a train station signal?
- 🔗 When crossing the road, what procedure should you follow to make sure the road is clear?

🔗 Sources:

http://en.wikipedia.org/wiki/Traffic_light

4. What's next

- 🔗 What other creations can you create using reclaimed materials and makedo to add to the scene? Car, zebra crossing, crossing monitor costume etc.

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