

Whenever children work with paper 'Roamer mats' or 'Roamer Maps' such as the one below, it is easier for them to work out which instructions to give/write if:

1. They have a **Multilink Cube** to jump along the route in Roamer steps. The cube represents Roamer and the protruding bit at the end represents Roamer's nose so they always know which way Roamer is facing and don't lose their place along the route. This is important as once Roamer has been turned and no longer faces the top edge of their page, they cannot always recognise the next move/instruction as a 'forward' movement.
2. They turn their paper so that Roamer is always going 'up' the paper. (see below)
3. They have visual clues to help them realise which way Roamer is turning (left or right). This might be a left/right man or PowerPoint Slide Show E (37) on display for reference.

Fig. 1 Multilink faces the top edge of the child's paper

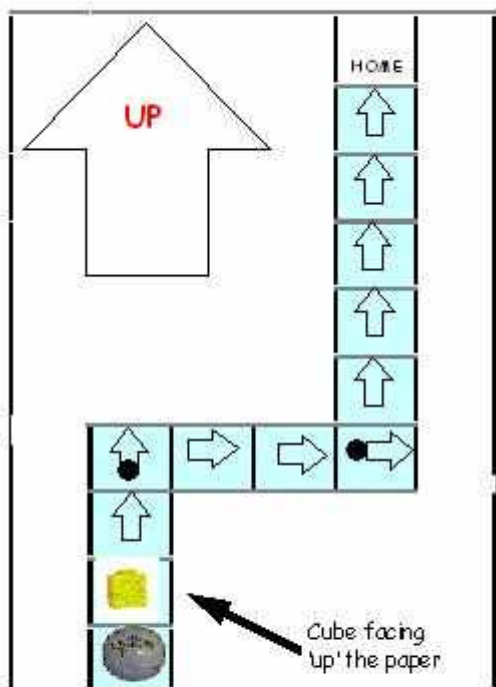
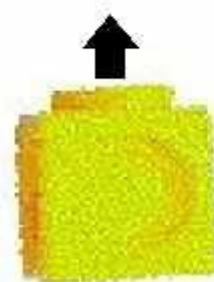
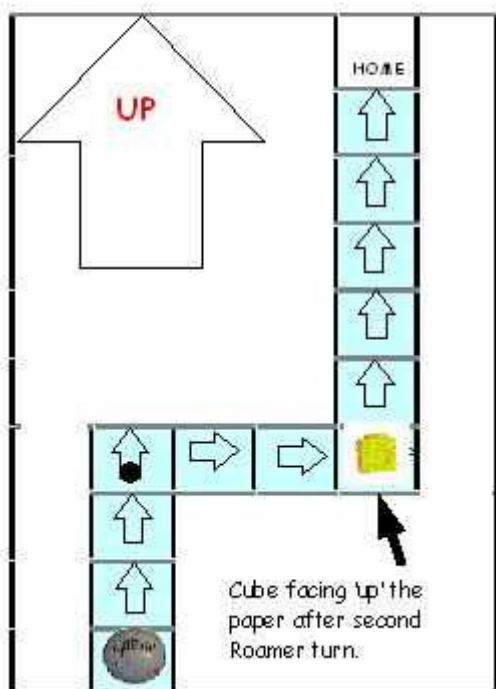
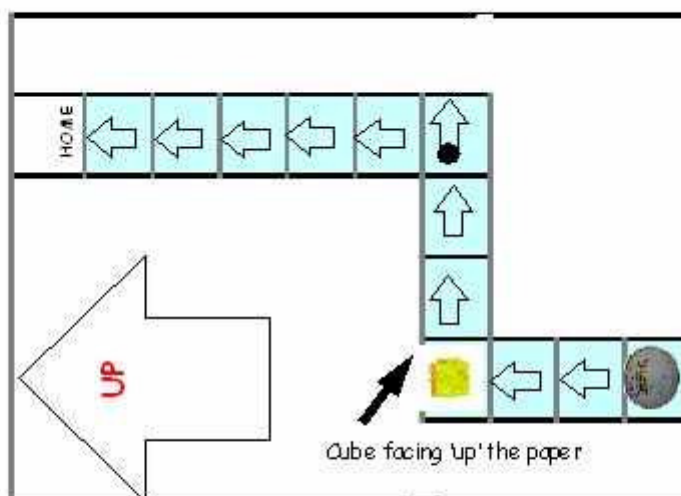


Fig. 2 paper has been turned after Roamer's first turn



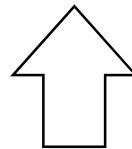
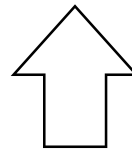
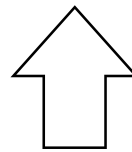
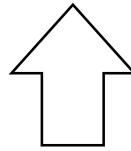
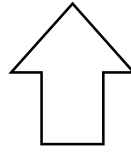
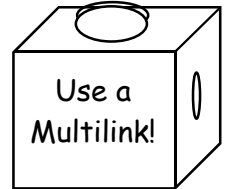
Encourage the children to always use a multilink cube to help them understand which way Roamer is going and to use the correct commands.

Fig. 3 paper has been turned again after Roamer's second turn

Draw your own pictures to make a route map for Roamer,

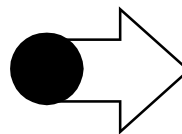
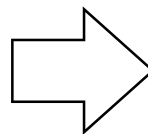
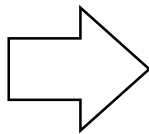
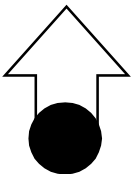
HOME

Remember to turn your paper when you see this symbol!



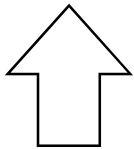
Left

Right

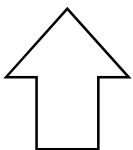


Left

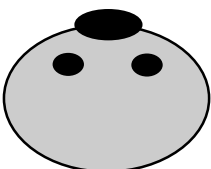
Right



How many quarter turns will Roamer have to do?



First it will turn

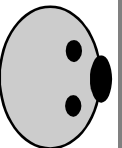
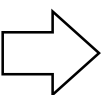
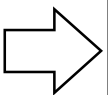
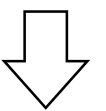
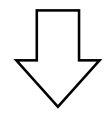
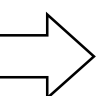
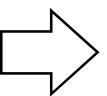
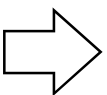
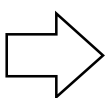
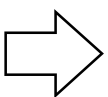


Then it will turn

Draw your own pictures to make a route map for Roamer,

Roamer,

HOME



Finally

After that

Then

Then

First

Which keys did we have to press to send Roamer home?
Use a copy of the Control Panel to help you to remember.

First

Then

After that

Then

Finally