



nitty ★ gritty  
★ super city ★

# Tools

## Description of photo

The boy uses the screwdriver to turn the matching screw in the wall. Tools are designed to make work easier, especially if you choose the right one.

## More information

Each screw and nut has a different shape and design, requiring a matching tool to turn it. Matching activities encourage children's observation skills.

## Learning outcomes

In this activity, children will:

- use their senses to explore the world around them
- describe their activities and observations using both general and science-specific language
- participate in very simple investigations involving observation and counting
- make predictions and test them
- sort objects according to basic criteria
- make use of co-operative skills when working with others.

## Pre-visit questions

1. What is the boy in the photo doing?
2. How many hands does the boy use to control the tool? What is the tool called?
3. What tools do your parents use at home? What do they use these tools for?

## Post-visit questions

1. What tools did you use during your visit?
2. Are all the screwdrivers you used in the activity the same? How are they different?
3. Where have you seen nuts and screws used at home?

## During your visit

- Talk to children as they match the tools to the correct screw. Which way do you turn it to make the screw come out of the wall?
- Have them count the number of nuts and bolts on the wall.
- Ask children to try and undo the bolts or screws with their hands. Then ask them to use the tools to do it. Discuss with them which way was easier.