

Numicon Teaching Handbooks User Guide

What do you want to find out?

How to find
activities

What's in an
activity?

How to find activities



Search: you can type any key words you are looking for into the search bar. You can also use the search box to look for specific activities – as you type, you will see suggestions appearing as a drop-down menu below the search box. Click on one of these to find that activity.

You can refine your search results using the drop-down menus (filters) or start with the filters.

A screenshot of a search interface. At the top is a search bar with a magnifying glass icon and the word "Search" inside. To the right of the search bar is a pink button with the word "Search" and a right-pointing arrow. Below the search bar are four filter menus, each with a dropdown arrow: "Year groups", "Maths topic", "Curriculum", and "Numicon strand". Below these filters is a link that says "Clear filters" with a red underline.

Filters: there are 4 filters (drop-down menus) you can use to narrow down what you are looking for.

How to use the filters

Click on any filter to open up the drop-down menu.

Select an item to see everything in that category. (You can see the number of activities in brackets.)

Year 1/P2 has been launched first, with more year groups coming soon!

Choose from the 4 UK nations, White Rose, PYP IB or Cambridge International.

Year groups

Clear filters

Showing 1-12 of 304 resources

Name and descriptions

Maths topic

Curriculum

Numicon strand

Search

Year 1/P2 has been launched first, with more year groups coming soon!

Choose from the 4 UK nations, White Rose, PYP IB or Cambridge International.

These are the strands that run through the Numicon programme. You'll be familiar with these if you use the print handbooks.

Search results appear in a list – you can use the name and description to help you choose.

2: Cover the board with Numicon S

Securing Foundations 1 - Getting Started - Learn

Numicon Shapes, number rods, pattern and counting

England, Scotland, Wales, Northern Ireland, White Rose, PYP, Cambridge International

Securing Foundations

Play

What's in an activity?



On the following pages you will find a walkthrough of one activity. Activities are laid out with tabs so you can easily move between sections:

Intro Quick overview of what children will learn, items you'll need and words to use in conversation.

Links Resources to download including a starter image, assessment, practice and homework activities.

Steps Each lesson is broken down into small steps that you can follow along the tabs.

Video Short videos are provided to give you PD support where needed. You can play the video directly in the activity screen.

+ This gives you ideas for extra practice activities.

Intro tab

7: 'How many more?' with number rods

Intro Links 1 2 3 4 Video +

Quit act

Words and phrases to use in conversation with children during this activity.

Learning opportunities:

- To learn how to find differences between small numbers without counting.
- To understand 'how many more?' as a way to find an answer to a subtracting problem.
- To solve difference problems in a data handling situation.

This details what children will have the opportunity to learn during the activity. This list helps you decide if the activity is right for your class.

Terms for children to use:



greater than, less than, subtract, difference, the difference between, how many more?, how much more?, equals, pattern, similar, different, subtracting symbol

←

Have ready:

- Numicon Number Rod 2–10 Trays
- Number rods

Items you will need to do this activity. You can always use the **IWB Software** to present manipulatives (see **Links** tab).

←

Links tab

7: 'How many more?' with number rods

Quit activity

Intro **Links** 1 2 3 4 Video +

Links:

- Full activity group overview
- Starter image
- Whole-class practice
- Photocopy masters
- Implementation guide
- IWB Software
- MyMaths

Next steps:

- Explorer Progress Book 1c, pp. 6–7
- Explore More Copymaster 27: Busy Bees
- Numicon I Milestone Assessment cards (NPC 1:6e and NPC 1:6f)
- Numicon I Milestone Tracking chart

The **activity group overview** gives the context, assessment and lists the other activities in the activity group.


The **starter image** shows a picture of the real-life context or apparatus in use. You can display this for your class to set the scene.

Any **blue text** is a link to a resource you can view in your browser or download.

Next steps link to further practice and assessment using the Numicon Milestones

Step tab

7: 'How many more?' with number rods

Quit activity 

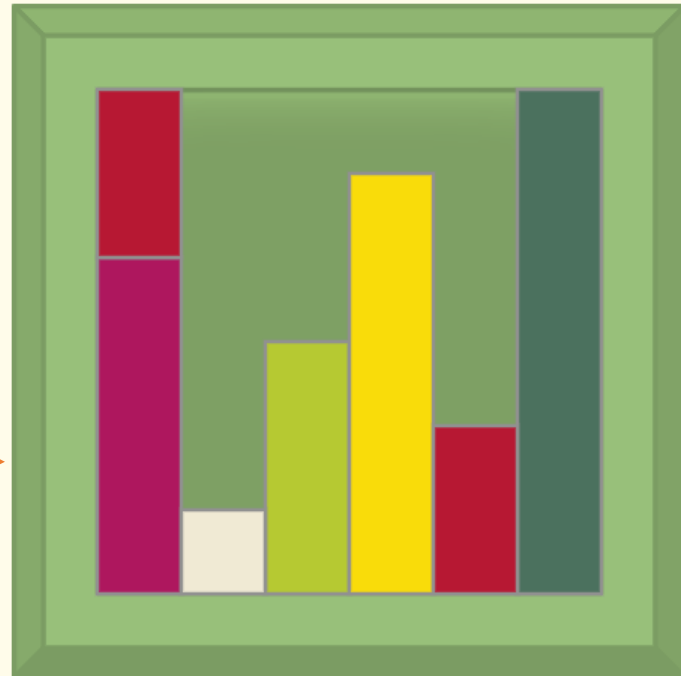
Intro Links 1 2 3 4 Video +

Step 3

The activity is broken down into small steps that you can follow by moving through the tabs.

Discuss with children that, to do this, they had to find 'how many more?', e.g. in the 6-tray, for the 4-rod, the answer was 2 more (see [image](#)). Ask children to say the number sentence, e.g. '4 and 2 more equal 6.'

You can open a larger version of the number rod tray picture by clicking on the word [image](#).



Video tab

Short videos are provided to give you PD support where needed.

7: 'How many more?' with number rods

Quit activity

Intro Links 1 2 3 4 Video +

numicon Workspaces Display Delete All Save

Shapes Number Rods Base-ten Apparatus Number Rod Trays Keypad Resources

Rotate Flip Undo Delete

00:00

Notes for Understanding 'how many more?' with number rods

This video shows you one way to use the IWB software for this activity.

You can access notes here to support your preparation. The notes have curriculum links and explain how to set up your IWB screen in advance.

+ tab

7: 'How many more?' with number rods

Quit activity

Intro Links 1 2 3 4 Video +

Paired or small group work

Have ready: Numicon Number Rod 2–10 Trays, number rods

Partners find one of each of the number rods that will fit in their Number Rod Tray and place them in a row, in random order, across the Tray. They take turns to fill each gap, saying the number sentence each time.

Here you can find short activity ideas for **individuals, pairs or small groups**. Sometimes there will be more than one activity suggestion.

Remember that practice for the **whole class** is on the **Links** tab.

When you've finished reading, press this button to return to the Numicon Teaching Handbooks page.

Looking for the next activity

After closing an activity, you will return to your search results on the [Numicon Teaching Handbooks](#) page. You can select another activity from the list, change the filters or search again to look for more lessons.

Search

Search

Year groups

Clear filters

Showing 1-12 of 304 resources

Name and descriptions

1: Exploring the Numicon Shapes
Securing Foundations 1 - Getting Started - Learning
Numicon Shapes, number rods, pattern and counting

2: Cover the board with Numicon S
Securing Foundations 1 - Getting Started - Learning
Numicon Shapes, number rods, pattern and counting

Maths topic

Curriculum

Numicon strand

Resource file

Adding, Pattern, Comparing

England, Scotland, Wales, Northern Ireland, White Rose, PYP, Cambridge International

Securing Foundations

Play

Adding, Pattern, Comparing

England, Scotland, Wales, Northern Ireland, White Rose, PYP, Cambridge International

Securing Foundations

Play