

NELSONNETBOOK Joining a Group - Student



Joining a Group

Your teacher may create class groups. Should your teacher ask you to join one of their class groups, they will need to provide you with a **group code**. This will enable your teacher to communicate with you via your eBook.

Step one

Sign into your NelsonNet account at www.nelsonnet.com.au to access your bookshelf. **Select your book** and open the **Interactive eBook**

The screenshot shows a Windows Internet Explorer browser window displaying the NelsonNet Bookshelf website. The address bar shows the URL <http://www.nelsonnet.com.au/my-bookshelf/>. The page header includes the NelsonNet logo and the text "NELSON CENGAGE Learning". The user is logged in as "Hellen Student". The main content area is titled "Bookshelf" and displays a list of eBooks. The first eBook is "New Century Maths 12 General Student eBook" by Robert Yen and Margaret Willard. A red arrow points to the "Read NelsonNetBook" button for this eBook. Other eBooks visible include "English Manual Year 12 Core 2011", "Nelson Connect with History for the Australian Curriculum Year 7", and "Nelson Science Year 7 Student Book plus Access Card for 4 Years". The bottom of the browser window shows the system tray with the date and time, and the text "Internet | Protected Mode: Off".

Step two

Select “My Books” from the bottom tool bar.

The screenshot shows a Windows Internet Explorer browser window displaying the NelsonNetBook website. The browser's address bar shows the URL: <http://netbook.nelsonnet.com.au/Netbook/FlexReader/FlexReader.aspx?bookId=10&StartPageId=page130#orientation=pageflip;currentPage=>. The website content includes a chapter titled "Functions and graphs" and a section on "Plotting points and lines". A large red arrow points from the text "Select 'My Books' from the bottom tool bar" to the "My Books" icon in the bottom toolbar.

Chapter 10
Functions and graphs

NELSON THINK MATHS 8
www.AustralianCurriculum.com.au

The graph of a function can tell you a great deal. The way the graph changes tells you about how the function changes. The study of functions and their graphs helps scientists to accurately describe the world. This allows engineers to accurately predict how bridges, cars, trains, and other structures and machines will behave when they are built. In this chapter you will begin to learn how algebra and geometry are related through graphs of functions.

Mathematical literacy

The mathematical words below have special meanings that you will learn in this chapter. It is important that you learn to spell them and gradually learn what they mean in mathematics. You may find the glossary or online mathematical dictionary useful for this purpose.

Cartesian plane	input	output	step function
coordinates	intercepts	parabola	table of values
dependent	linear function	quadrant	stepped graph
function	linear graph	star	variable
gradient	midpoint	star	x-axis
independent	origin	vertices	y-axis

4.1 Plotting points and lines

You have already learnt something about the Cartesian plane.

Important

The Cartesian plane
The Cartesian plane has two axes at right angles. It is also called the Cartesian coordinate system. The horizontal axis is called the x-axis and the vertical axis is called the y-axis. The point where the two axes meet is called the origin. The origin is written as (0, 0). The x-coordinate is always shown first and the y-coordinate last. Each quarter of the Cartesian plane is called a quadrant.

In the diagram, Point A is written as (3, 2), B as (-2, 2), C as (-3, -1) and D is (4, -3).

Example 1

Plot each of the following points on Cartesian axes and state its quadrant or axis.
A(-7, -3), B(0, -3), C(1, -2), D(6, 0), E(1, 3), P(0, 3), G(-2, 2), H(-7, 0)

Solution

Draw and label axes to suit for the biggest number.

To plot A(-7, -3) go down from -7 on the x-axis.
Then go left from -3 on the y-axis.
Place a point at their intersection and label it.

Do the same for all the other points.

State the quadrant or axis of each point.

- A(-7, -3) is in the third quadrant
- B(0, -3) is on the y-axis
- C(1, -2) is in the fourth quadrant
- D(6, 0) is on the x-axis
- E(1, 3) is in the first quadrant
- P(0, 3) is on the y-axis
- G(-2, 2) is in the second quadrant
- H(-7, 0) is on the x-axis

Step three

Click onto the “My Groups” icon

The screenshot shows a Windows Internet Explorer browser window displaying the NelsonNetBook website. The address bar shows the URL <http://netbook.nelsonnet.com.au/Netbook/FlexReader/FlexBookShelf.aspx>. The page header includes the NelsonNetBook logo, the text "My Books", the user name "Hellen Student", and a set of icons including a "My Groups" icon (three people silhouettes). A large red arrow points to this icon. Below the header, the page title is "Nelson iScience 7 for the Australian Curriculum". The main content area features a carousel of book covers for Nelson iScience 7, 8, 9, and 10. The status bar at the bottom indicates "Done" and "Internet | Protected Mode: Off".

Step four

Select the book.

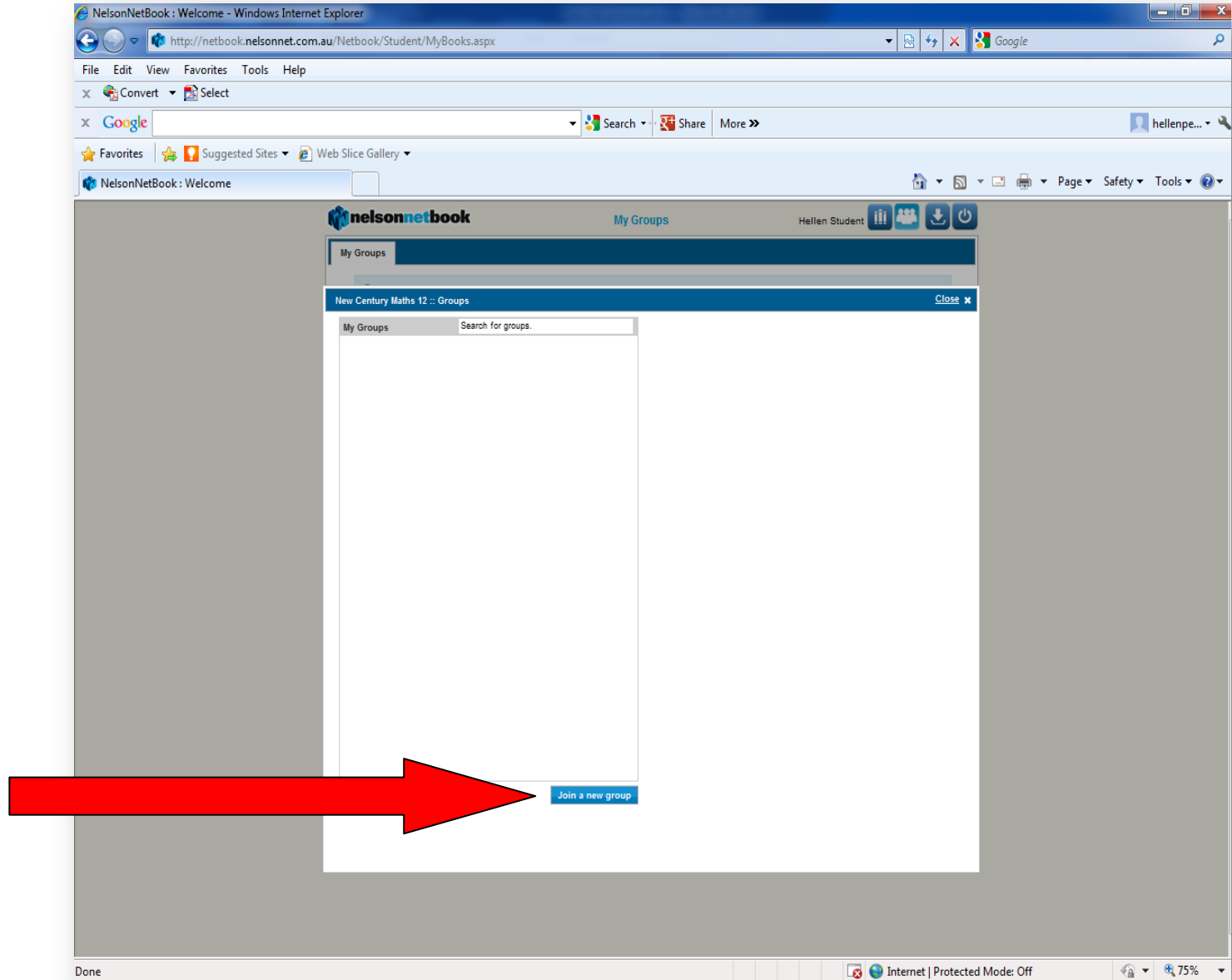
The screenshot shows a web browser window displaying the NelsonNetBook website. The browser's address bar shows the URL <http://netbook.nelsonnet.com.au/Netbook/Student/MyBooks.aspx>. The website header includes the NelsonNetBook logo, the text "My Groups", and the user name "Hellen Student". Below the header, a blue box contains the instruction: "Click on the 'Groups' button to join a new group by entering the group code provided by your teacher to get eBook access". The main content area displays a grid of book covers, each with a "Groups" button below it. The books shown are:

- Nelson Think Maths 7 (red cover)
- Science 8 (blue cover)
- Science 7 (yellow cover)
- Nelson Connect History 7 (red cover)
- New Century Maths 12 (black cover)
- Science 10 (green cover)

A large red arrow points from the left side of the image to the "NEW CENTURY MATHS 12" book cover. At the bottom of the page, there is a footer with links for "Contact Us", "Terms & Conditions", "Disclaimer", "Copyright", "Privacy", and "About Us", along with the copyright notice "© 2011, Cengage Learning Australia Pty Limited ABN: 14 058 280 149". The browser's status bar at the bottom shows "Done", "Internet | Protected Mode: Off", and a zoom level of "75%".

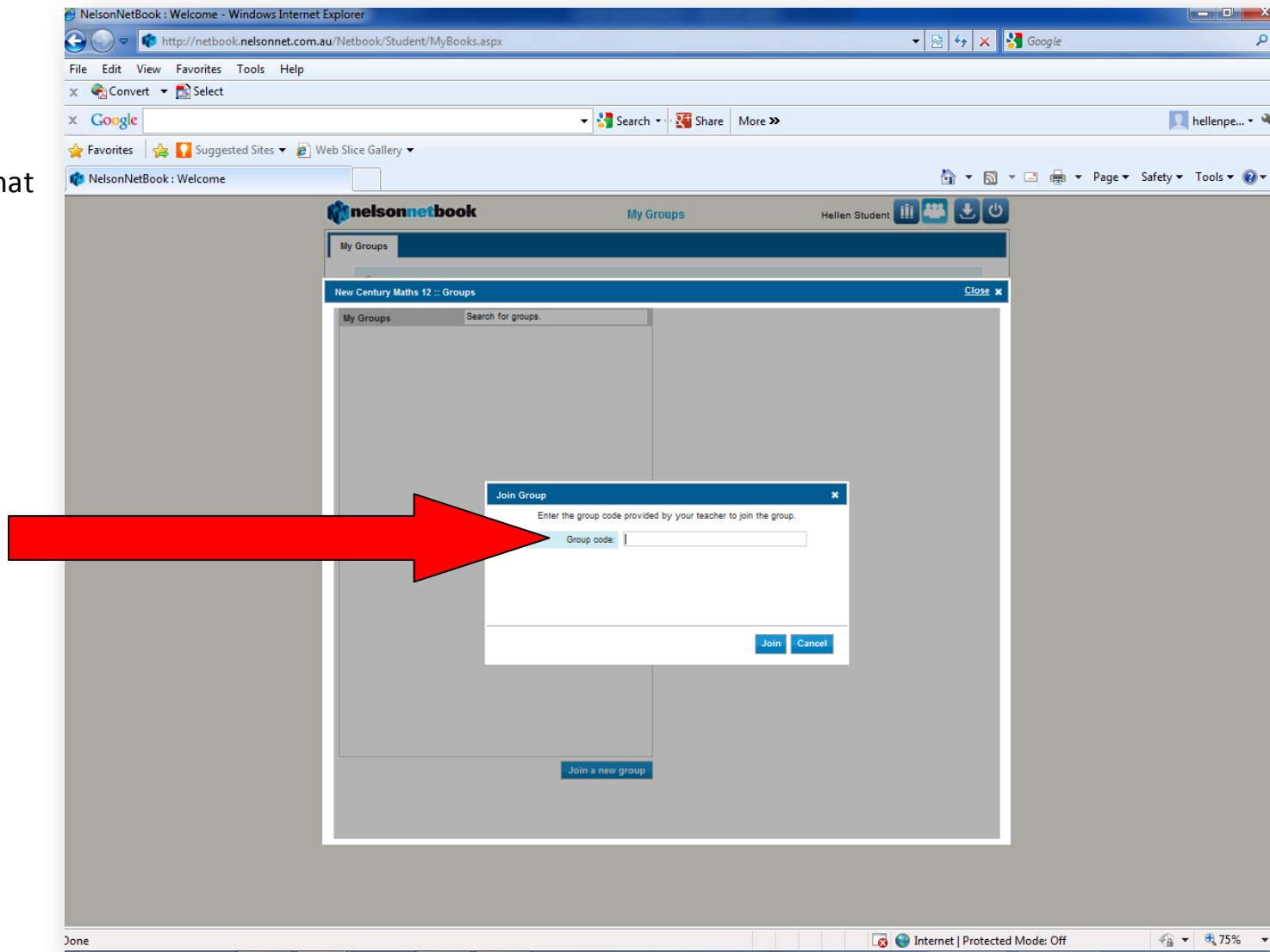
Step five

Click on the
"Join a New Group"
link



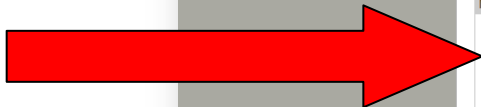
Step six

You can now enter the “Group Code” that your teacher has provided.



Step seven

A New Group is now added to your list. Your teacher can now share annotations with you via your eBook.



When you have closed this screen, you can return back to your bookshelf.

The screenshot shows a web browser window titled 'NelsonNetBook: Welcome - Windows Internet Explorer'. The address bar shows 'http://netbook.nelsonnet.com.au/Netbook/Student/MyBooks.aspx'. The page content includes a header for 'nelsonnetbook My Groups' and a user profile for 'Hellen Student'. A modal window titled 'New Century Maths 12 :: Groups' is open, displaying a list of groups. The first group, 'NCM12', is highlighted and has '2 Member(s)'. To the right of the list is a 'Group Details' panel showing the owner as 'Hellen Pervushin', the group name as 'NCM12', and a group description of 'New Century Maths 12 2013'. Below the details is a 'Members' section with a table listing the user 'hellenstudent@coengage.com' with the full name 'Hellen Student'. A 'Join a new group' button is visible at the bottom of the modal. The browser's status bar at the bottom indicates 'Internet | Protected Mode: Off' and a zoom level of 75%.