

NELSONNETBOOK

Using the Offline Reader - PC

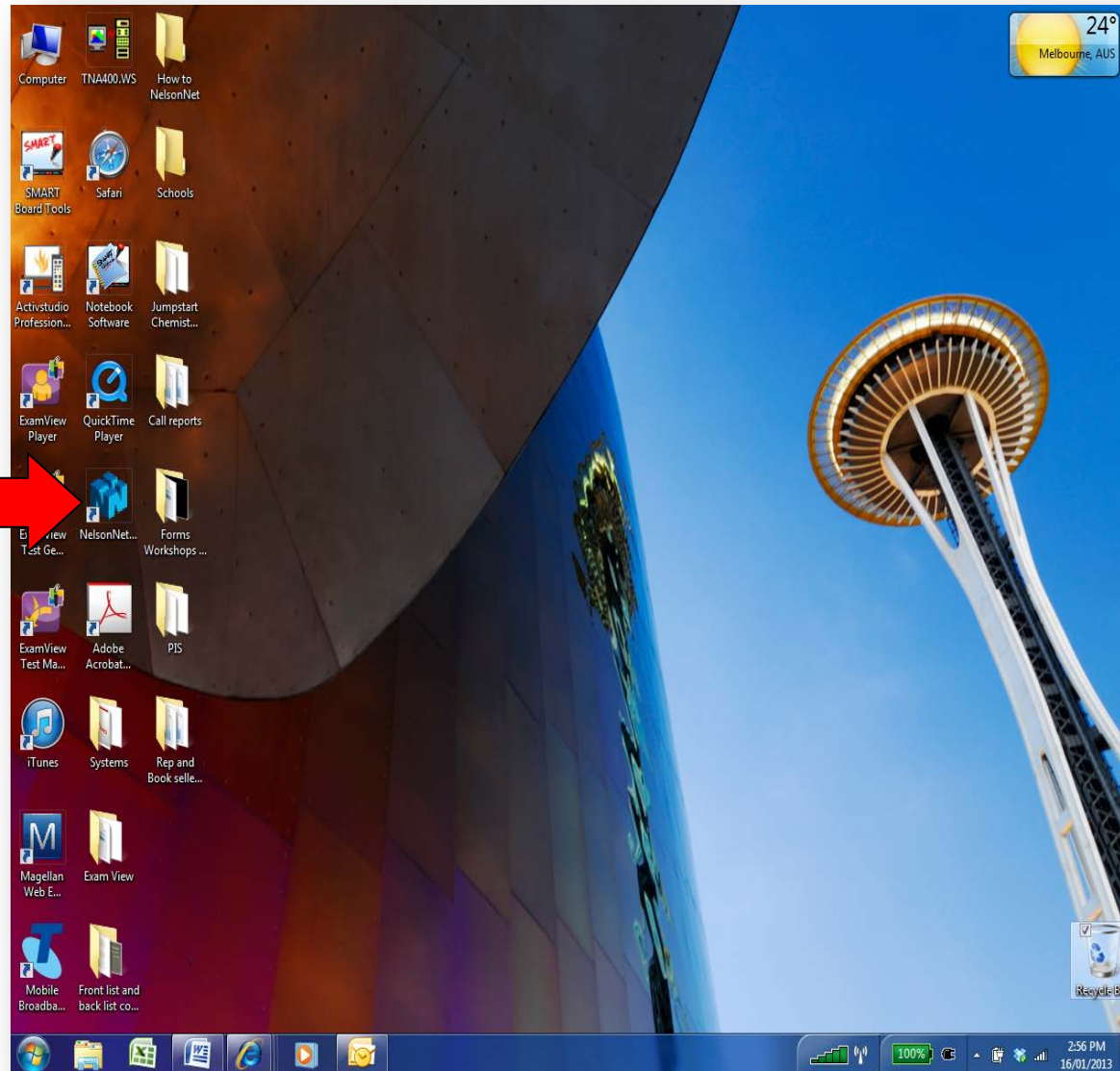


Using the NelsonNet Offline eBook

This guide is to assist users with using the offline NelsonNetbook. The offline reader can be used in much the same way as the online version.

To access your offline version click on the icon that you have saved onto your desktop.

Please Note: That while you are able to read an eBook without streaming from the internet you will still need internet connection in order to sign into the application.



Downloading an eBook from your bookshelf.

Step one

Sign into your NelsonNet offline reader.



The image shows the login page for NelsonNetBook. At the top left is the NelsonNetBook logo, which consists of a blue cube icon followed by the text "nelsonnetbook" in a sans-serif font. The background of the page is light green with a repeating pattern of small, faint icons. A large green wave graphic is on the right side. Below the logo is a login form with two input fields. The first field is labeled "EMAIL:" and contains the text "schoolteacher1@edumail.com". The second field is labeled "PASSWORD:" and contains seven asterisks "*****". To the right of the password field is a "Login" button with a thin border. Below the password field, there is a link that says "Find out more about [NelsonNetBook](#)".

nelsonnetbook

EMAIL: schoolteacher1@edumail.com

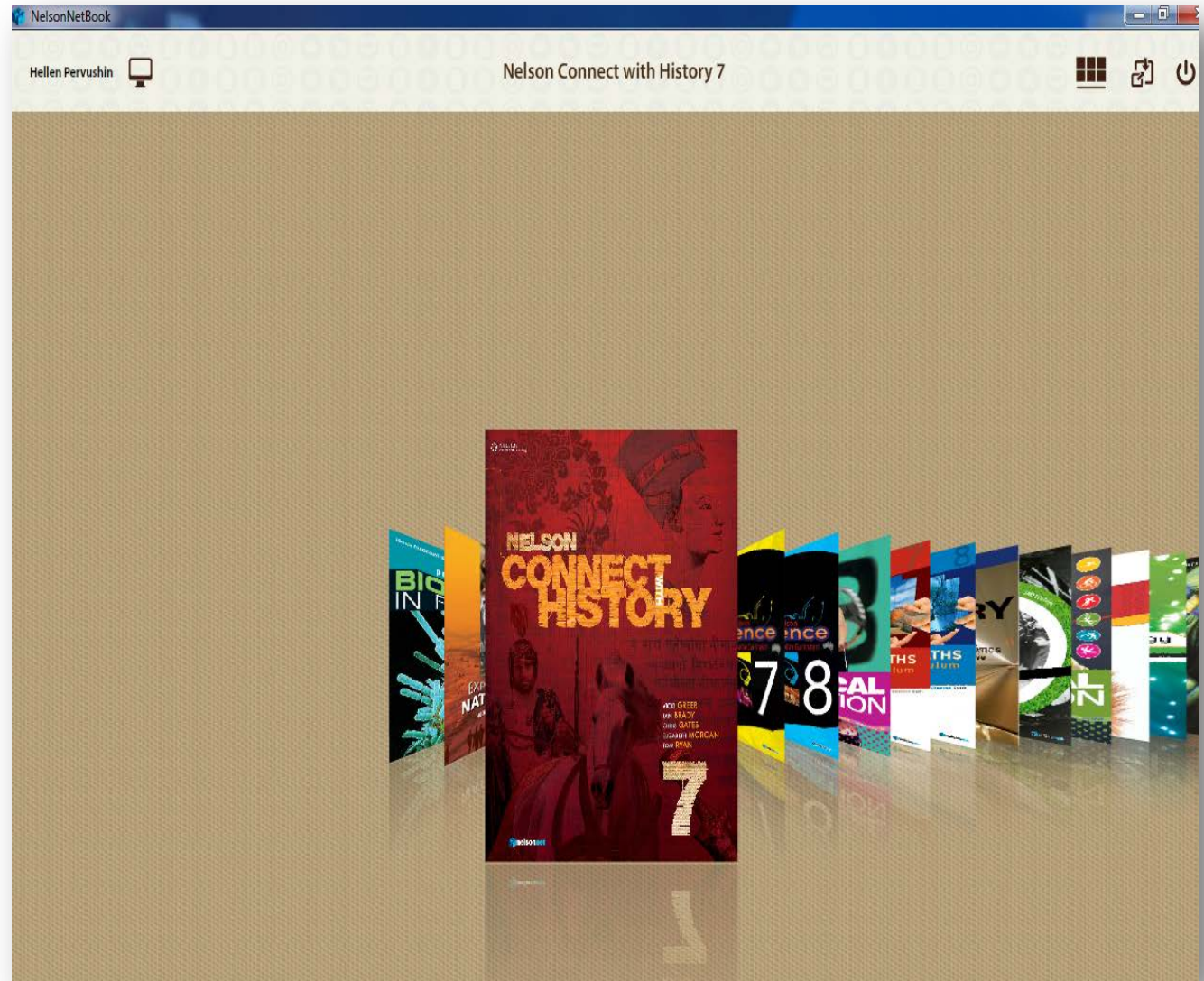
PASSWORD: *****

Login

Find out more about [NelsonNetBook](#)

Step two

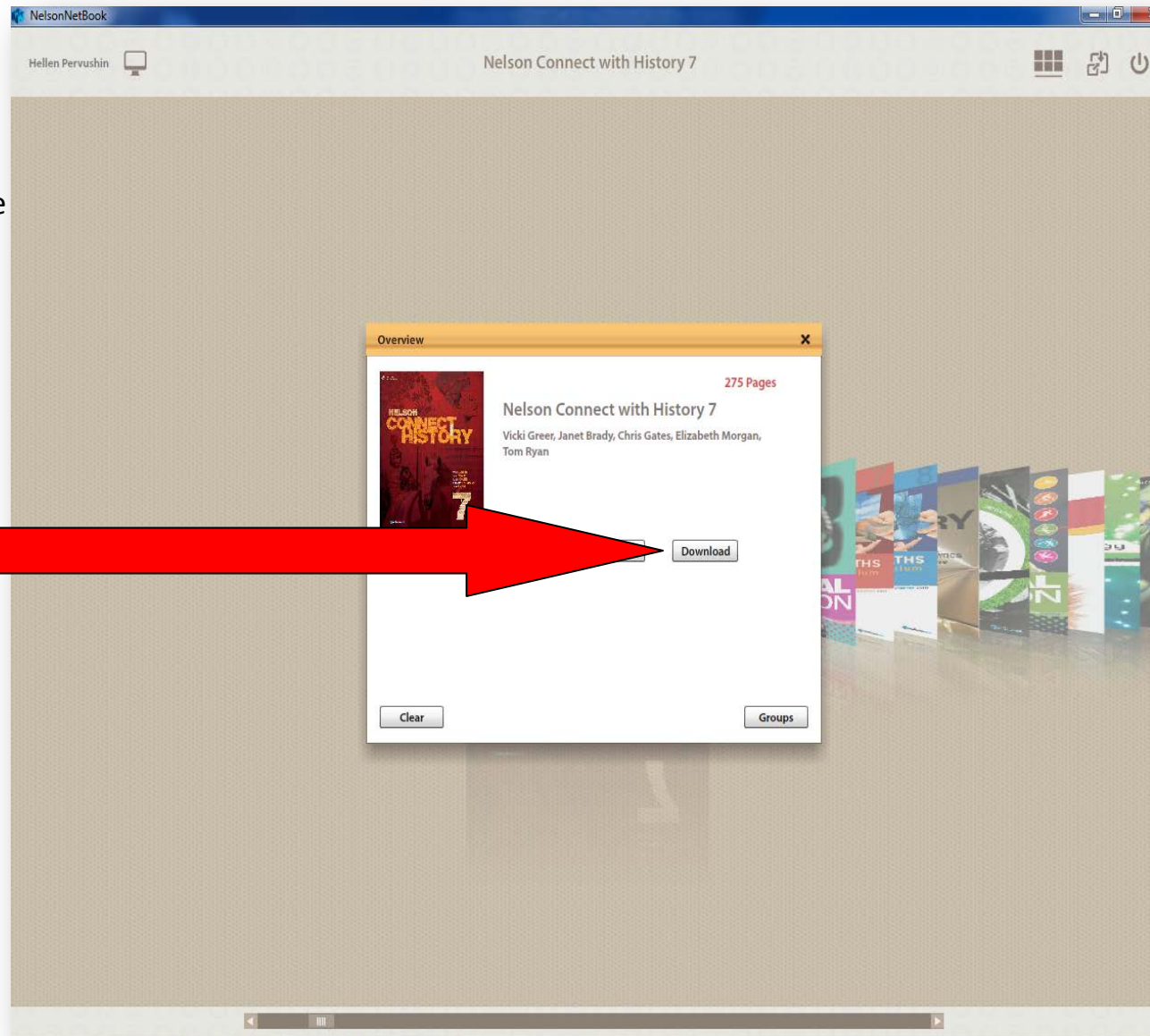
Select the eBook you would like to download from your bookshelf.



Step three

Click on **“Download”** to begin the download of your offline version.

If you do not have the **“Download”** option available It's because you have already downloaded this eBook.

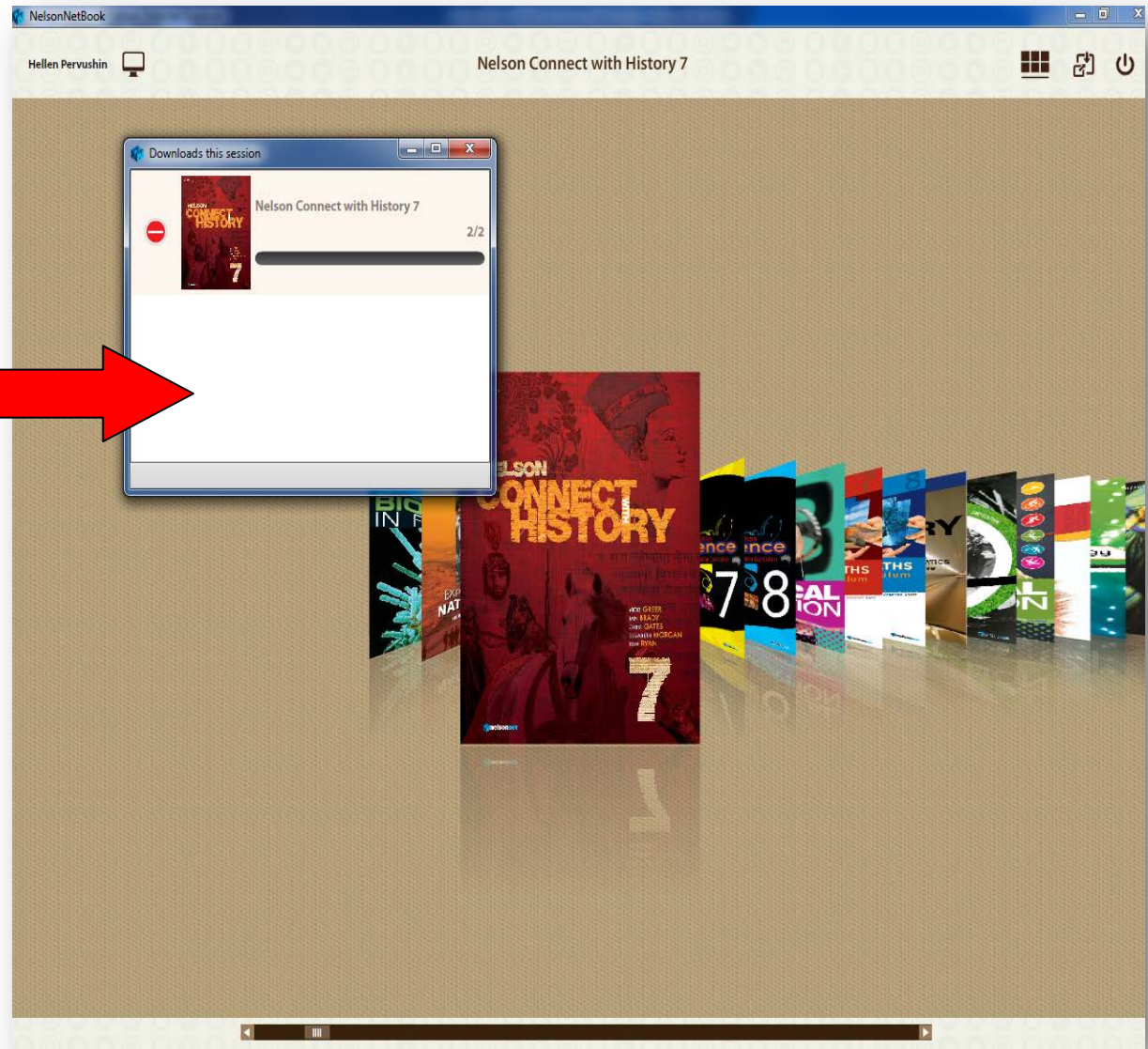


This screen indicates that your download has begun.

Once the book has finished downloading, you can start using your offline NelsonNet book.

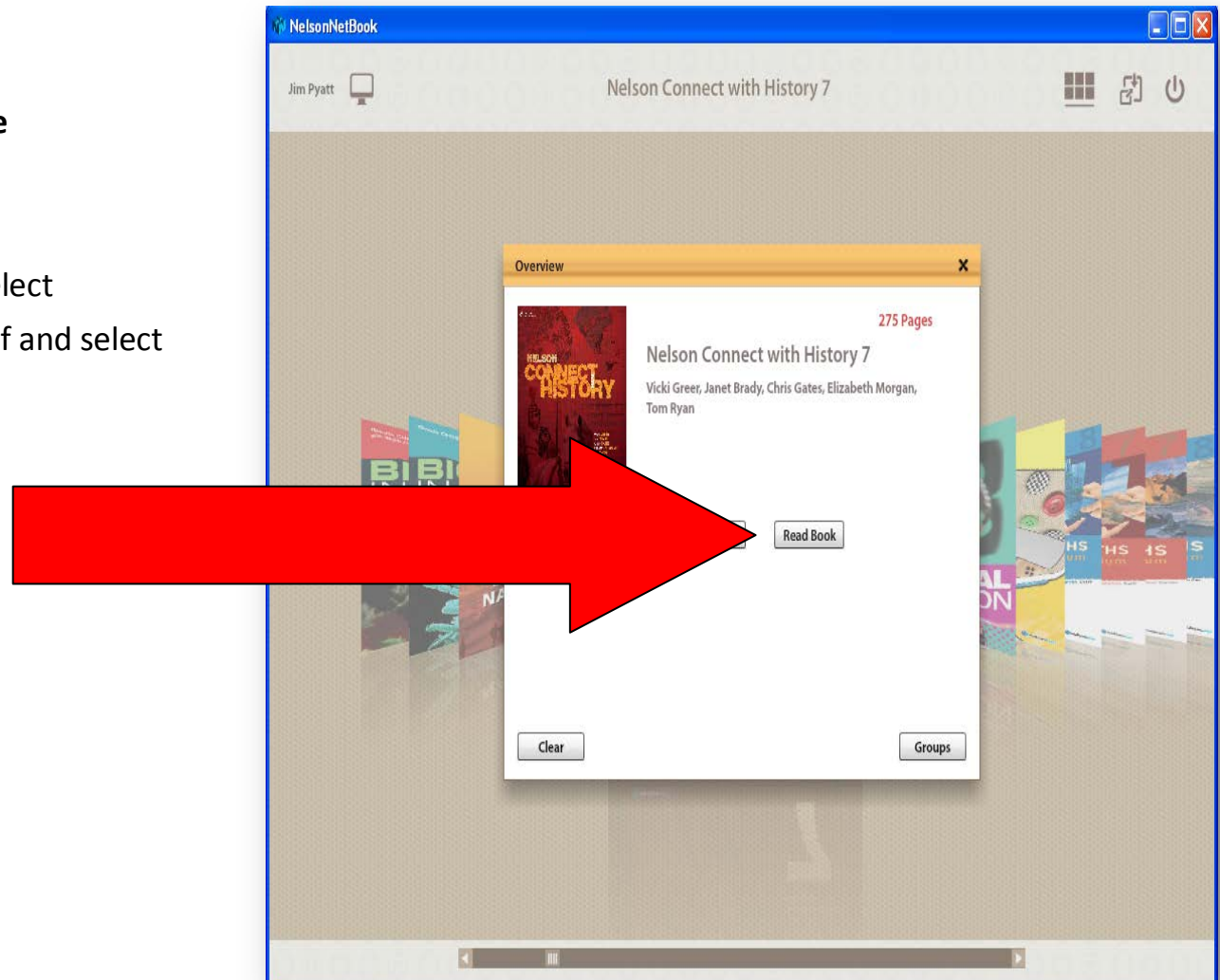


Please note: You only need to download the eBook once.



Using the NelsonNet Offline eBook

To read the eBook simply select the title from your bookshelf and select **“Read Book”** .



You can Annotate, Create Notes, Sticky Notes and Record yourself using the icons in the menu bar

You can read and navigate around your book using the tool bar at the bottom of the screen.

Unit 2 Inquiring with

What do you already know about scientific inquiry?

You probably encounter plastic wrap every day. It might be around your lunch in your school bag, or around the sandwich that you buy at the school canteen. It could be covering yesterday's leftovers in the fridge at home. There are many annoying things about plastic wrap. Sometimes it doesn't tear straight, sometimes it sticks to itself and sometimes it doesn't stick properly. But the most annoying thing of all would be if the plastic wrap was not strong enough. Imagine if the plastic wrap around your sandwich broke, and the filling from your egg sandwich ended up all over the contents of your schoolbag. Plastic wrap needs to be strong.

In the following activity you will have the opportunity to show what you already know about scientific inquiry.

What to do

- 1 Observe and feel each brand of plastic wrap. Predict which brand you think will be the strongest. Record your prediction.
- 2 Work out how you are going to test the strength of each plastic wrap. Ask your teacher for any equipment that you may need.
- 3 Write down your method of testing and list all the equipment that you use.
- 4 Perform your method.

What did you discover?

- 1 Write down your results.
- 2 From your results, which brand of plastic wrap did you find to be the strongest?
- 3 Do your results match your prediction?

What do you think?

- 1 Discuss with the rest of the class the method that your group used. How did other groups differ in their method to test their plastic wrap?
- 2 List anything else, other than the strength of the wrap, that could have affected your results.

What to do

- Which sticky tape is the stickiest?
- Which laundry detergent cleans clothes the best?
- Which elastic band is the most stretchy?
- Which dishwashing liquid cleans dishes the best?

What to do

- 1 Decide on the question you want answered.
- 2 Predict what the answer might be.
- 3 Work out a method to test your prediction. Make sure that it will test what you want it to test.
- 4 List your variables. Identify your independent and dependent variables. What variables will you need to control?
- 5 Plan what equipment you need.
- 6 Consider any safety risks and take action to reduce them.

WEB 2.0

Take digital photos to illustrate your method and results, and include these in your report. Upload your final report to the class wiki.

ACTIVITY SHEET

Rubric: Do TV acts tell the whole truth?
SC079A02700

glossary term

method
the set of steps that you take to conduct a scientific investigation

22-23 / 235

Once you have made the annotations on your offline version of the eBook, make sure you are connected to the internet when saving these changes.

This will ensure that your offline annotations are transferred to your online version of the eBook.

The screenshot displays the NelsonNetBook interface with the following content:

- Page Header:** NelsonNetBook (top left), Unit 2 Inquiring with science (top right).
- Activity 2.1:** "Which brand of plastic wrap is the strongest?"
 - Text:** "You probably encounter plastic wrap every day. It might be around your lunch in your school bag, or around the sandwich that you buy at the school canteen. It could be covering yesterday's leftovers in the fridge at home. There are many annoying things about plastic wrap. Sometimes it doesn't tear straight, sometimes it sticks to itself and sometimes it doesn't stick properly. But the most annoying thing of all would be if the plastic wrap was not strong enough. Imagine if the plastic wrap around your sandwich broke, and the filling from your egg sandwich ended up all over the contents of your schoolbag. Plastic wrap needs to be strong. In the following activity you will have the opportunity to show what you already know about scientific inquiry."
 - Image:** A person stretching plastic wrap over a bowl of food. A yellow callout box with a red 'X' says "Who really invented cling wrap?".
 - Caption:** "Figure 2.1 Plastic wrap needs to be strong."
 - Workspace:** "Which brand of plastic wrap is the strongest? SC207201002208".
 - Text:** "Work in a group of two or three students. Work out a method you could use to find out which brand of plastic wrap is the strongest."
- Activity 2.2:** "Which brand of plastic wrap is the strongest?" (text partially obscured by the workspace box).
- Assessment Task:** "Do TV ads tell the whole truth?"
 - Text:** "Television advertisements specialise in telling you which is the best dishwashing detergent, paper towel or insect killer. How reliable are advertisers' claims, and are they backed up by scientific testing?"
 - Your task:** "Select a common household product. Design a fair test to find out if that product is the best of what it does. For example:
 - Which sticky tape is the stickiest?
 - Which laundry detergent cleans clothes the best?
 - Which elastic band is the most stretchy?
 - Which dishwashing liquid cleans dishes the best?"
 - What to do:**
 - Decide on the question you want answered.
 - Predict what the answer might be.
 - Work out a method to test your prediction. Make sure that it will test what you want it to test.
 - List your variables. Identify your independent and dependent variables. What variables will you need to control?
 - Plan what equipment you need.
 - Consider any safety risks and take action to reduce them.
 - What you will discover?**
 - Did your results agree with your prediction?
 - What do you think?**
 - How could your method have been improved?
 - Presentation:**
 - Write up your experiment using the report-writing format on page 39.
- Image:** Three detergent bottles labeled "Fresh", "Wash", and "Clean COLOUR".
- Caption:** "Figure 2.2 Which washes whitest?"
- Activity Sheet:** "ACTIVITY SHEET Rubric: Do TV ads tell the whole truth? SC207201002208".
- Glossary term:** "method the set of steps that you take to conduct a scientific investigation".
- Page Number:** 22 (bottom left), 23 (bottom right).
- ISBN:** 9780170214209 (bottom center).
- Navigation:** A red arrow points to a toolbar at the bottom right containing icons for home, search, settings, and power.

This pop up box will ask you to confirm if you would like to save your changes.

The screenshot displays the NelsonNetBook interface for a science activity. The main content area is titled "What do you already know about scientific inquiry?" and includes a "You probably encounter plastic wrap every day..." section. Below this is "Activity 2.1 Which brand of plastic wrap is the strongest?". A "Save" pop-up box is overlaid on the page, asking "Do you want to save?" with "Yes", "No", and "Cancel" buttons. A red arrow points from the text on the left to the "Save" pop-up box. The interface also features a "Workspace" section with a question about plastic wrap, a "Culminating assessment task" about TV ads, and a "Glossary term" for "method". The bottom of the screen shows the NelsonNetBook logo, navigation icons, and page numbers 22-23 / 235.

NelsonNetBook

Unit 2 Inquiring with science

What do you already know about scientific inquiry?

You probably encounter plastic wrap every day. It might be around your lunch in your school bag, or around the sandwich that you buy at the school canteen. It could be covering yesterday's leftovers in the fridge at home. There are many annoying things about plastic wrap. Sometimes it doesn't tear straight, sometimes it sticks to itself and sometimes it doesn't stick properly. But the most annoying thing of all would be if the plastic wrap was not strong enough. Imagine if the plastic wrap around your sandwich broke, and the filling from your egg sandwich ended up all over the contents of your schoolbag. Plastic wrap needs to be strong.

In the following activity you will have the opportunity to show what you already know about scientific inquiry.

Activity 2.1 Which brand of plastic wrap is the strongest?

You need

- three different brands of plastic wrap
- other equipment as requested

What to do

1. Observe and feel each brand of plastic wrap. Predict which brand you think will be the strongest. Record your prediction.
2. Work out how you are going to test the strength of each plastic wrap. Ask your teacher for any equipment you need.
3. Write down your method. Predict what the answer might be.
4. Perform your method to test your prediction. Make a record of what you want it to test.
5. Identify your independent and dependent variables. What variables will you control?
6. Record your results. List any equipment you need.
7. Discuss your results with your group. Identify safety risks and take action to reduce them.

What do you think?

1. Write down your results.
2. From your results, which brand of plastic wrap did you find to be the strongest?
3. Do your results match your prediction?
4. Discuss with the rest of the class the method that your group used. How did other groups differ in their method to test their plastic wrap?
5. List anything else, other than the strength of the wrap, that could have affected your results.

Culminating assessment task
Do TV ads tell the whole truth?

Television advertisements specialise in telling you which is the best dishwashing detergent, paper towel or insect killer. How reliable are advertisers' claims, and are they backed up by scientific testing?

Your task

Select a common household product. Design a fair test to find out if that product is the best at what it does. For example:

- Which sticky tape is the stickiest?
- Which laundry detergent cleans clothes the best?
- Which elastic band is the most stretchy?
- Which dishwashing liquid cleans dishes the best?

What to do

1. Decide on the question you want answered.
2. Predict what the answer might be.
3. Write up your experiment using the report-writing format on page 39.

7 What sorts of results will you collect? How will you collect them?

8 How will you display your results?

9 Perform your method.

What did you discover?

1. Did your results agree with your prediction?
2. How could your method have been improved?

What do you think?

1. Did your results agree with your prediction?
2. How could your method have been improved?

Presentation

3. Write up your experiment using the report-writing format on page 39.

WEB 2.0

Take digital photos to illustrate your method and results, and include these in your report. Upload your final report to the class wiki.

ACTIVITY SHEET

Rubric: Do TV ads tell the whole truth?
SC075A607203

Figure 2.1 Plastic wrap needs to be strong.

WORKSPACE

Which brand of plastic wrap is the strongest?
SC075A607203

Work in a group of two or three students. Work out a method you could use to find out which brand of plastic wrap is the strongest.

Figure 2.2 Which washes whitest?

glossary term

method
the set of steps that you take to conduct a scientific investigation

22-23 / 235

nelsonnetbook

Your changes from your offline version are now being synchronized to the online version of your NelsonNet eBook

The screenshot displays the NelsonNetBook interface for a science activity. The page is titled "What do you already know about scientific inquiry?" and includes a section for "Activity 2.1 Which brand of plastic wrap is the strongest?". A red arrow points to a "Syncing..." notification box that appears over the activity instructions. The notification contains the text "Syncing in progress..." and a close button (X). The background page content includes a "Culminating assessment task" titled "Do TV ads tell the whole truth?", a "Workspace" section with a question "Which brand of plastic wrap is the strongest?", and a "glossary term" for "method". The interface also shows a toolbar on the right and a footer with the NelsonNetBook logo and navigation icons.

What do you already know about scientific inquiry?

You probably encounter plastic wrap every day. It might be around your lunch in your school bag, or around the sandwich that you buy at the school canteen. It could be covering yesterday's leftovers in the fridge at home. There are many annoying things about plastic wrap. Sometimes it doesn't tear straight, sometimes it sticks to itself and sometimes it doesn't stick properly. But the most annoying thing of all would be if the plastic wrap was not strong enough. Imagine if the plastic wrap around your sandwich broke, and the filling from your egg sandwich ended up all over the contents of your schoolbag. Plastic wrap needs to be strong.

In the following activity you will have the opportunity to show what you already know about scientific inquiry.

Activity 2.1
Which brand of plastic wrap is the strongest?

You need

- three different brands of plastic wrap
- other equipment as requested

What to do

1. Observe and feel each brand of plastic wrap. Predict which brand you think will be the strongest. Record your prediction.
2. Work out how you are going to test the strength of each plastic wrap. Ask your teacher for any equipment that you may need.

What did you discover?

1. Write down your results.
2. From your results, which brand of plastic wrap did you find to be the strongest?
3. Do your results match your prediction?

What do you think?

4. Discuss with the rest of the class the method that your group used. How did other groups differ in their method to test their plastic wrap?
5. List anything else, other than the strength of the wrap, that could have affected your results.

WORKSPACE
Which brand of plastic wrap is the strongest?
sc05w60726

Work in a group of two or three students. Work out a method you could use to find out which brand of plastic wrap is the strongest.

Culminating assessment task
Do TV ads tell the whole truth?

Television advertisements specialise in telling you which is the best dishwashing detergent, paper towel or insect killer. How reliable are advertisers' claims, and are they backed up by scientific testing?

Your task

Select a common household product. Design a fair test to find out if that product is the best at what it does. For example:

- Which sticky tape is the stickiest?
- Which laundry detergent cleans clothes the best?
- Which elastic band is the most stretchy?
- Which dishwashing liquid cleans dishes the best?

What to do

1. Decide on the question you want answered.
2. Predict what the answer might be.
3. Work out a method to test your prediction. Make sure that it will test what you want it to test.
4. List your variables. Identify your independent and dependent variables. What variables will you need to control?
5. Plan what equipment you need.
6. Consider any safety risks and take action to reduce them.

7 What sorts of results will you collect? How will you collect them?

8 How will you display your results?

9 Perform your method.

What did you discover?

1. Did your results agree with your prediction?

What do you think?

2. How could your method have been improved?

Presentation

3. Write up your experiment using the report-writing format on page 39.

WEB 2.0

Take digital photos to illustrate your method and results, and include these in your report. Upload your final report to the class wiki.

ACTIVITY SHEET
Rubric: Do TV ads tell the whole truth?
sc05w60726

Figure 2.1 Plastic wrap needs to be strong.

Figure 2.2 Which washes whitest?

glossary term
method
the set of steps that you take to conduct a scientific investigation

What fabrics should you never wash in hot water?

22-23 / 235

You can now safely log out of your session.

NelsonNetBook

Nelson Science 7

Unit 2 Inquiring with science


What do you already know about scientific inquiry?

You probably encounter plastic wrap every day. It might be around your lunch in your school canteen, or around the sandwich that you buy at the school canteen. It could be covering yesterday's leftovers in the fridge at home. There are many annoying things about plastic wrap. Sometimes it doesn't tear straight, sometimes it sticks to itself and sometimes it doesn't stick properly. But the most annoying thing of all would be if the plastic wrap was not strong enough. Imagine if the plastic wrap around your sandwich broke, and the filling from your egg sandwich ended up all over the contents of your schoolbag. Plastic wrap needs to be strong.

In the following activity you will have the opportunity to show what you already know about scientific inquiry.

Activity 2.1

Which brand of plastic wrap is the strongest?



Who really invented cling wrap?

Figure 2.1 Plastic wrap needs to be strong.

WORKSPACE

Which brand of plastic wrap is the strongest?
IC1075M607208

Work in a group of two or three students. Work out a method you could use to find out which brand of plastic wrap is the strongest.

Your need

- three different brands of plastic wrap
- other equipment as requested

What to do

- 1 Observe and feel each brand of plastic wrap. Predict which brand you think will be the strongest. Record your prediction.
- 2 Work out how you are going to test the strength of each plastic wrap. Ask your teacher for any equipment that you may need.
- 3 Write down your method of testing and list all the equipment that you use.
- 4 Perform your method.

What did you discover?

- 1 Write down your results.
- 2 From your results, which brand of plastic wrap did you find to be the strongest?
- 3 Do your results match your prediction?

What do you think?

- 4 Discuss with the rest of the class the method that your group used. How did other groups differ in their method to test their plastic wrap?
- 5 List anything else, other than the strength of the wrap, that could have affected your results.

Culminating assessment task

Do TV ads tell the whole truth?

Television advertisements specialise in telling you which is the best dishwashing detergent, paper towel or insect killer. How reliable are advertisers' claims, and are they backed up by scientific testing?

Your task

Select a common household product. Design a fair test to find out if that product is the best at what it does. For example:

- Which sticky tape is the stickiest?
- Which laundry detergent cleans clothes the best?
- Which elastic band is the most stretchy?
- Which dishwashing liquid cleans dishes the best?

What to do

- 1 Decide on the question you want answered.
- 2 Predict what the answer might be.
- 3 Work out a method to test your prediction. Make sure that it will test what you want it to test.
- 4 List your variables. Identify your independent and dependent variables. What variables will you need to control?
- 5 Plan what equipment you need.
- 6 Consider any safety risks and take action to reduce them.

7 What sorts of results will you collect? How will you collect them?

8 How will you display your results?

9 Perform your method.

What did you discover?

- 1 Did your results agree with your prediction?
- 2 How could your method have been improved?

What do you think?

3 Write up your experiment using the report-writing format on page 39.

WEB 2.0

Take digital photos to illustrate your method and results, and include these in your report. Upload your final report to the class wiki.

ACTIVITY SHEET

Rubric: Do TV ads tell the whole truth?
IC1075M607208




Figure 2.2 Which washes whitest?

glossary term

method
the set of steps that you take to conduct a scientific investigation

22

ISSN 9780170214209

ISSN 9780170214209

23

After you logout, this screen will appear as a full screen.



EMAIL:

PASSWORD:

Login

Find out more about [NelsonNetBook](#)

If you have trouble closing down your session, simply hit the Esc key on your keyboard to minimize.

Then click on the red cross in the top right hand corner to close this screen.

