

NAP-ICT Literacy 2014

EXAMPLE STUDENT TEST MODULE

Computer Game

In the 2014 NAP-ICT Literacy assessment, each student completed four test modules. Each module could be completed in a maximum of 25 minutes (controlled by the testing software). The modules followed a linear narrative and were designed to reflect students' typical 'real-world' use of ICT. The modules included a range of school-based and out-of-school-based themes.

All the modules included a series of questions that typically took less than a minute to complete. These questions were followed by more involved tasks that were completed using purpose-built software.

The *Computer Game* module is used in this demonstration. In this module, students were asked to work on a project to create an educational game for the class. Students completing the assessment used design software, created a survey to select the subject for the computer game, interpreted the survey results and used purpose-built software to develop the game.

INSTRUCTIONS

You are working on a project to create an educational computer game for your class.

You will need to:

1. Design a survey to find out what subject area to use for the game.
2. Interpret the survey results.
3. Design and build the game.

Click on 'I've finished' when you have read the instructions.

Review test details

I've finished



The screenshot shows a web browser window with the address bar containing 'searchengine.napictl.com.au'. The search results page displays several links related to online surveying software. The first result is 'SurveyGuineaPig: Online surveying software tool' with the URL 'www.surveyorguineapig.napictl.com.au'. The second result is 'Create an Online Survey 1 Billion+ users!' with the URL 'freesurveysonline.napictl.com.au'. The third result is 'My Excellent Survey: Online opinion surveys...' with the URL 'www.myexcellentsurvey.napictl.com.au/'. The fourth result is 'SurveyDoodad | Powerful & Professional Survey Software' with the URL 'www.redirect.malware.napictl.com.au'. The browser's taskbar at the bottom shows a 'Web Browser' icon.

Search Engine

searchengine.napictl.com.au

Web Images Videos Maps News Sign in

Search Engine

online survey Search

[SurveyGuineaPig: Online surveying software tool](#)
www.surveyorguineapig.napictl.com.au
Surveying is the method and profession of accurately determining the position of points on Earth or... with our **online** software tool you can analyse ...
Site **survey** - Plans and Pricing - Sign Up - Jobs

[Create an Online Survey 1 Billion+ users!](#)
freesurveysonline.napictl.com.au
Create an **Online** employee satisfaction **Survey**, free **survey** creation, only pay per usage ... can be used in most professions and workplaces Support -
Online workplace **surveys** - Price per usage

[My Excellent Survey: Online opinion surveys...](#)
www.myexcellentsurvey.napictl.com.au/
Create and use your own **survey** free of charge, **online**... Complete our **Online Surveys** at My Excellent **Survey**. Your online opinion counts, visit today!

[SurveyDoodad | Powerful & Professional Survey Software](#)
www.redirect.malware.napictl.com.au

Web Browser

You want to find out what subject the class would like for the computer game. You decide to use an online survey.

Click on the web site that is the **best** choice for creating your survey.

Review test details

I've finished



My Excellent Survey

+ Add Tab

www.myexcellentsurvey.napictl.com.au

⊗ Access Denied!

Internet access to the requested website has been denied based on your user profile and the Marmoset Secondary College Internet Usage Policy.

Details

User: Student_01

IP Address: 255.255.255.0

Blocked URL: www.myexcellentsurvey.napictl.com.au



Web Browser

When you visit this website you get an 'access denied' message. What is the most likely reason this message appears?

- The link to the survey page is broken.
- The school has blocked the website.
- The password is incorrect.
- The server is down, so access is denied.

[Review test details](#)[I've finished](#)



You have a basic account

To remove the limits of a basic account and get unlimited questions [Upgrade now!](#)

+ Create a New Survey

1. How would you like to create a new survey?

- Use a survey template Upgrade NOW! for a low cost professional account that enables this feature
- Create a new survey without a template

Cancel

Save



Web Browser

You are given access to the website.

Create a survey to find out what subject your class would like for the educational computer game.

Name your survey **Game Survey**, then click 'Save'.

Click on 'I've finished' when you have completed this task.

Review test details

I've finished



My Excellent Survey

Create Survey

My Surveys

Address Book

My Account

Log Off

You have a basic account

To remove the limits of a basic account and get unlimited questions [Upgrade now!](#)

+ Create a New Survey

Select and configure question type

Q1. Vote for subjects for a computer game!

Fill in all three choices with the numbers 1 to 3.

Question Type

-- Select --

← Cancel

Done →



Web Browser

You plan to choose the most popular subject for your game. Students can choose between Maths, Science and English. Create a survey question so that students can select the subject they prefer for the game. Click on 'I've finished' when you have completed this task.

Review test details

I've finished



Schoolmail

+ Add Tab

www.schoolmail.napictl.com.au

Schoolmail

Compose

Inbox

Drafts

Sent Items

Trash

+ Create Folder

Maths project

Homework

Sports

Personal

Send

A Formatting

Save Draft

Delete

Add Attachment

To:

CC:

Subject: Class Survey

Hi Ms Smith,

I created a survey about which computer game to make for our class.
Can you please look at it to see if it is OK?

The URL for the survey is:

[www.MyExcellentSurvey.napictl.com.au/sdh&^%\\$R&@\)%zxcv](http://www.MyExcellentSurvey.napictl.com.au/sdh&^%$R&@)%zxcv)

Thanks!



Web Browser

Send this email to your teacher, Ms Smith.
Her email address is: smith.qz@ictmail.acer.edu.au
Send a copy to the assistant teacher, Mr Chen (chen.yy) at the same domain.

Review test details

I've finished



Schoolmail + Add Tab

www.schoolmail.napictl.com.au

Schoolmail

Compose

Inbox 2

Drafts

Sent Items

Trash

+ Create Folder

- Maths project
- Homework
- Sports
- Personal

← Reply > Forward 🗑️ Delete ★ Flag ⚠️ Spam 📁 Move ▾

From: smith.qz@ictmail.edu.au

Subject: Password required

Hi Student Name,

The survey looks good but I would like to make a few small changes. I tried to edit the survey but it says I need to enter a password. Can you let me know the password?

Many thanks,
Ms Smith.

🏠 Web Browser

Your teacher sends you an email.

Why would a password be needed to edit the survey?

Review test details

I've finished



Schoolmail

+ Add Tab

www.schoolmail.napictl.com.au

Schoolmail

Compose

Inbox **2**

Drafts

Sent Items

Trash

+ Create Folder

Maths project

Homework

Sports

Personal

Send Formatting Save Draft Delete Add Attachment

To: DL - All School

CC:

Subject: Class Survey

Hi Everyone,

I created a survey about which computer game to make for our class.
Would you like to try it?

The URL for the survey is:

[www.MyExcellentSurvey.napictl.com.au/sdh&^%\\$R&@\)%zxcv](http://www.MyExcellentSurvey.napictl.com.au/sdh&^%$R&@)%zxcv)

Thanks!



Web Browser

Your survey is ready. You want to send the link to your class using a distribution list [DL - 10C](#).
By mistake you use a different distribution list, as shown.
Give **two** reasons why using [DL - All School](#) might be a problem.

Review test details

I've finished



My Excellent Survey

+ Add Tab

www.myexcellentsurvey.napictl.com.au

My Excellent Survey

Create Survey

My Surveys

Address Book

My Account

Log Off

You have a basic account

To remove the limits of a basic account and get unlimited questions [Upgrade now!](#)

Survey Results

Your question

Q1. Vote for subjects for a computer game! Fill in all three choices with the numbers 1 to 3.

The Results

Vote	English Game	Science Game	Maths Game
1	11	2	12
2	6	9	10
3	8	14	3

Actions

- New Survey
- Email Results
- Graph Results
- Edit Data

[← Cancel](#)[Save →](#)

Web Browser

Your class has now completed the survey.
You want to create a graph of the results.
Choose the option that will make a graph.

[Review test details](#)[I've finished](#)

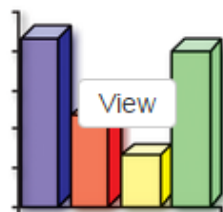
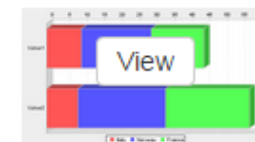


You have a basic account

To remove the limits of a basic account and get unlimited questions [Upgrade now!](#)

Survey Results

Graph Type

 Column Line Pie Stacked Bar

Vote	English Game	Science Game	Maths Game
1	11	2	12



Web Browser

There are four types of graph available.

Click the 'View' button on each graph type to view the graph.

Click on the graph type that **best** shows that Maths is the most popular choice.

[Review test details](#)
[I've finished](#)



My Excellent Survey

+ Add Tab

www.myexcellentsurvey.napictl.com.au

My Excellent Survey

Create Survey

My Surveys

Address Book

My Account

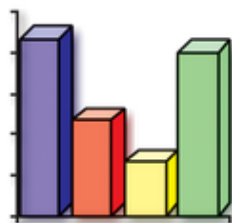
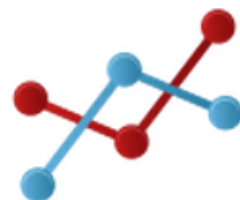
Log Off

You have a basic account

To remove the limits of a basic account and get unlimited questions [Upgrade now!](#)

Survey Results

Graph Type

 Column Line Pie Stacked Bar

Vote

English Game

Science Game

Maths Game



Web Browser

You chose this graph.

Explain briefly why it is the best for showing that Maths is the most popular choice.

Review test details

I've finished



TASK DETAILS

You will now create a simple maths computer game.

You will be assessed on how well you:

1. Design the game.
2. Format text and objects.
3. Make the game fun to use and educational.

This is the big task for this module.

Before you begin this task you will watch a demonstration of how to use the Game Builder software.

Click on 'I've finished' when you have read the task details.

Review test details

I've finished



Game Maker

Page Parts ▾

Preview

Level 2 ▾

Answer:

Submit

Level 2 Score 0/0

Start

Exit

Next Level >

Game Maker

Instructions

Follow the instructions to create a maths game.
To see how your game will be assessed click on 'Review test details'.
Click on 'I've finished' when you have completed this task.

Review test details

I've finished

Further information about NAP-ICT Literacy

The NAP-ICT Literacy Report and Assessment Framework can be downloaded from the National Assessment Program website: <http://www.nap.edu.au>