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Introduction

I am extremely excited about many of Google's tools and the impact they can have on education. In my first related book, "Google Tools for Teaching and Learning" (Hawker Brownlow Education, 2012), I provided a how-to overview of about a dozen different tools created and managed by Google.

My second Google book focused on Google Spreadsheets and Forms (Hawker Brownlow Education, 2012) and the power of using them in the classroom as both a teaching tool and a learning tool.

This book is focused on activities you can do with your students, using several of the free tools provided by Google. Some are whole-class activities and others are to be done independently by students, but all of them allow the students to: learn something new; practise higher-level thinking; and gain some computer skills.

I hope you and your students enjoy it!

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Google Search Scavenger Hunt

Year Level: 3–8

Google Accounts:

- For the teacher No
- For students No

Overview:

Use the following questions for a fun way to let students practise their Google search skills.

Equipment/Materials Needed:

- Computer for each student or team
- Internet Access

The Teacher Will:

Choose one or more of the following options:

- Print the following page. Cover or fold the page to hide the answers, and then make copies for each student (or team).
- Provide 5 minutes (or more) for students to find as many answers as they can.
- Follow the directions for the Quiz Competition activity (see page 117) and use it to allow students to submit their answers via a Google form.
- Allow students to write scavenger hunt questions of their own. Each student or team writes 10 questions. Then have students trade questions and attempt to find the answers.
- Turn your questions into clues, and then use the following online tool to create a criss cross puzzle: <http://puzzlemaker.discoveryeducation.com/>



Google Scavenger Hunt

1. How many metres are in a decametre?
2. What is Homer Simpson's middle name?
3. What are the names of Mickey Mouse's two nephews?
4. Name the site of the 2016 Olympic Games (City and Country).
5. How many US states begin with the letter "N"?
6. Name the only animal that never dies from old age.
7. What was the first name of the first man in space?
8. What does the "B" stand for in SCUBA?
9. If it is noon in Perth, what time is it in Wellington?
10. What colour is the deer in the John Deere logo?
11. Who was the second man on the moon?
12. What is Prince Harry's first name?
13. How long is a smoot in centimetres?
14. What is the highest mountain on Earth?
15. Which fictional hero is referred to as 'The Ghost Who Walks'?



Answers:

1. 10
2. Jay
3. Morty and Ferdie (Ferdie)
4. Rio de Janeiro, Brazil
5. 8 (eight)
6. The *Turritopsis nutricula* jellyfish
7. Yuri
8. Breathing
9. 4.00 pm
10. Yellow
11. Buzz Aldrin
12. Henry
13. 170.180 cm (or close to it)
14. Mount Everest
15. The Phantom

When I Grow Up...

Year Level: 2–8

Google Accounts:

- For the teacher Yes
- For students No

Overview:

In this activity, students will think about what they would like their life to be like when they are an adult: where they'll live, what they'll do, their family, etc. The teacher will collect their information and then create a collaborative map.

Equipment/Materials Needed:

- Computer or online mobile device for each student or team
- Computer/projector/screen for the teacher
- Internet access

The Teacher Will:

1. Ask the students to imagine what they would like their lives to be like when they're grown up (When they're 30 years old, or so.)
2. Provide time (maybe overnight) for students to think about and write answers to the following:
 - a. Where I'll live. (City and State or Country)
 - b. My job.
 - c. My family.
 - d. My hobbies.
3. Follow the instructions on the next page to gather the data from individual students and then create a collaborative map.



Creating the Form

See pages 109 & 110 for more detailed instructions.

1. The **teacher** will create a Google form with:
 - a. The title, “When I Grow Up”.
 - b. The following fields:
 - Name
 - City
 - State or Country
 - Job
 - Family
 - Hobbies
2. Give students the URL of the published form and provide time for students to fill it out and submit it.

When I Grow Up
You can include any text or info that will help
Name <input type="text"/>
City <input type="text"/>
State or Country <input type="text"/>
Job <input type="text"/>
Family <input type="text"/>
Hobbies <input type="text"/>

Creating the Collaborative Map

See pages 49 & 50 for more detailed instructions.

Note – The teacher may want to use a projector/screen so students can watch!

1. The **teacher** will open the spreadsheet that collected the “When I Grow Up” data.
2. Copy the data, including the column headers.
3. Paste the data into the provided area at: www.batchgeo.com
4. Click the “Create Map” button and wait as BatchGeo plots each student’s information onto a collaborative map.
5. Click each place mark to reveal the student’s information.
6. Click the Save button to share the collaborative map with others. (Optional)

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Summer is T-rrific

Year Level: 2–6

Google Accounts:

- For the teacher Yes
- For students Yes*

Overview:

In this activity, students will design and print a T-shirt that tells what they like about summer.

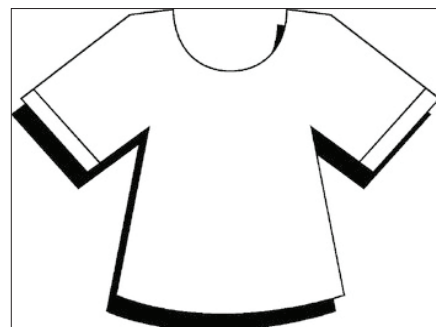
* Use one of the options on pages 125–129 to create student accounts, or create a document for each student and share it with him/her using the instructions at the top of page 92.

Equipment/Materials Needed:

- Computer for the teacher
- Computer for each student
- Internet access
- Printer & paper
- Scissors

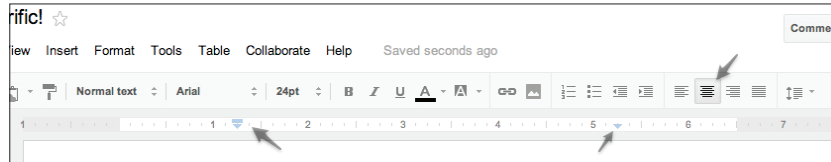
The Teacher Will:

1. Help the students brainstorm a list of things they like about summer.
2. Assist the students as they add a title and enter their ideas into a Google Document.
3. Help students to print their document and cut it into a T-shirt.
4. Hang the shirts with miniature clothespins on a bulletin board/clothesline with a sign that says, “Summer is T-rrific!”

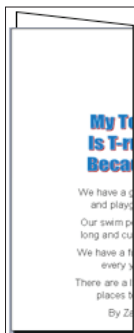
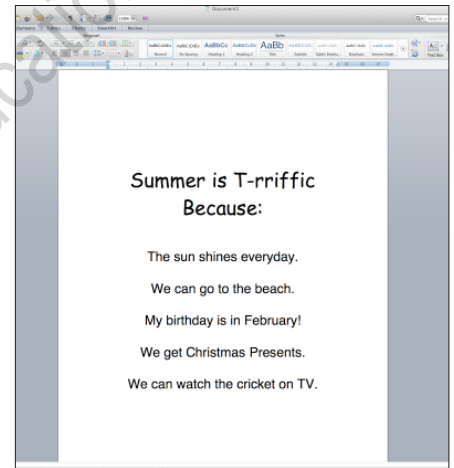


Student Instructions

1. Go to docs.google.com or to the URL provided by your teacher.
2. In the ruler at the top of the page:
 - a. Move the left indent marker to 3 centimetres.
 - b. Move the right indent marker to 13.5 centimetres.



3. Click the “Center Align” button in the tool bar at the top of the page.
4. Press the enter key 10 times to move your cursor down.
5. Type the title, “Summer is T-rrific Because:” Press enter/return.
6. Type 4 or 5 reasons you like fall. Press the enter/return key twice after each reason.
7. Change the fonts, styles and colours. Change the line spacing if necessary to make sure it fits on one page!
8. Print.
9. Use the illustrations below to fold and cut the page into a T-shirt.



1. Fold in half, side to side.
2. Cut as shown by the lines above.
3. Unfold to reveal a T-shirt!