



Extra Task: Present numerical data

Pre-Task

Awareness-raising activity

Step 1

How can numerical data be presented more engagingly? Have you seen any presenters using datasets in an engaging way? What presentation techniques / technologies did they use?

Extension activity

Use a popular search engine to find videos of speakers presenting data. Alternatively, your teacher will do this for you. Discuss the presentations as a class.

Step 2

Match the sentences (1–5) to the techniques below.

Use repetition | Round it off | Make a comparison | Break it down | Use approximate figures

[1] Because π is irrational, it has an infinite number of digits. To the nearest thousandth it is approximately equal to 3.142.

[2] The specific activity of glycogenolytic enzymes was threefold higher – that's threefold higher – than in isolated spores.

[3] One picosecond is one trillionth of a second, or one millionth of one millionth of a second.

[4] The robot can run 28.3 mph; that's faster than the world's fastest man – but not as fast as a real cheetah, which can reach speeds of 95 mph.

[5] LEDs use only around 25% of the energy of a normal light bulb.

Step 3

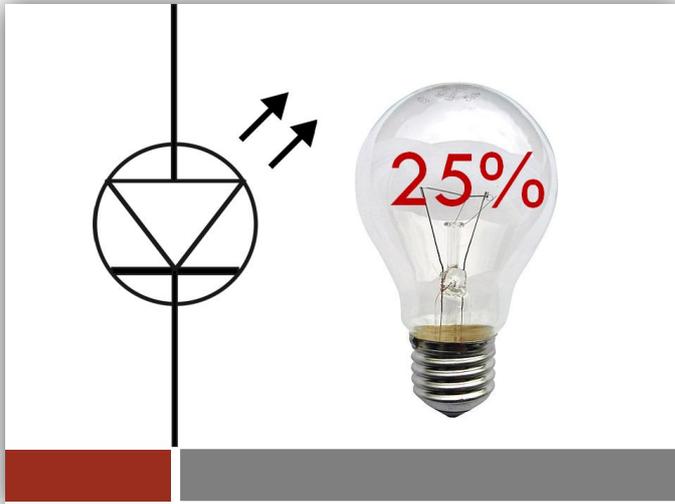
Adding stress is another effective way to add emphasis when presenting data. Underline or highlight the parts of the sentences above (1–5) you think should be stressed.

Step 4

Practice presenting the sentences to a partner. Selected students present the sentences to the class.

Step 5

Match the slide to one of the sentences in **Step 2**. Discuss how you would design slides for the other four sentences with a partner and the class. ¹



Task

Present statistics

Step 1

Use the techniques in brackets to re-write the following numerical data.² More than one correct answer may be possible.

Huge amounts of data are being generated and added to the internet every minute of every day. The “Data Never Sleeps 5.0” infographic shows how much data is created every single minute. to view the full “Data Never Sleeps 5.0” infographic, visit: <https://www.domo.com/learn/data-never-sleeps-5>

[1] 103,447,250 spam emails are sent every minute (*use approximate figures*)

[2] Amazon makes \$258,751.90 in sales every minute (*make a comparison*)

[3] Wikipedia users publish 600 new page edits every minute (*break it down*)

[4] Giphy serves 694,444 gifs every minute (*round it up*)

[5] Twitter users send 456,000 tweets every minute (*use repetition*)

¹ Light bulb image by KMJ [GFDL (<http://www.gnu.org/copyleft/fdl.html>) or CC-BY-SA 3.0(<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons

² Domo.com. (2017). Data Never Sleeps 5.0 | Domo. [online] Available at: https://www.domo.com/learn/data-never-sleeps-5?aid=ogsm072517_1&sf100871281=1 [Accessed 10 Nov. 2017].

Step 2

Decide which parts of your new sentences in **Step 1** you will stress to add emphasis.

Step 3

Design presentation slides for the data in **Step 1**.

Step 4

Present your data and slides to a partner. Selected students present to the class. Use the grid below to take notes.

What was good	What could be improved

Post-Task

Feedback activity

Give feedback to your partner based on your notes from **Step 2**.

Suggested answers

[1] 103,447,250 spam emails are sent (*use approximate figures*)

Around a **million spam emails** are sent **every minute**

[2] Amazon makes \$258,751.90 in sales (*make a comparison*)

Every minute, Amazon makes **\$258,751.90** in sales. That's enough to buy a **luxury home** with a swimming pool in most US states.

[3] Wikipedia users publish 600 new page edits (*break it down*)

Every minute, Wikipedia users publish **600**, that's **600**, new page edits.

[4] Giphy serves 694,444 gifs (*round it up*)

Every minute, Giphy serves almost **700,000** gifs.

[5] Twitter users send 456,000 tweets every minute (*use repetition*)

Twitter users send **456,000**, that's **456,000** tweets every minute.