

Reading – read the article to yourself and then aloud. Try not to insert filler words such as "um", "ah," "like". Our goal is to reduce filler words in everyday conversation.

Ada Lovelace was a brilliant mathematician and writer in the 1800s. She was the daughter of the famous poet Lord Byron, but she did not follow his footsteps. Instead, she became interested in science and technology. She worked with Charles Babbage, who invented a machine called the Analytical Engine. It was a device that could perform calculations and store data. Ada Lovelace wrote a program for the Analytical Engine, making her the first computer programmer in history. She also saw the potential of the machine to do more than just math. She imagined that it could create music, art, and even poetry. Ada Lovelace died young of what was most likely uterine cancer at the age of 36. Still, her legacy lives on as a pioneer of computing and an inspiration for women in STEM (Science, Technology, Engineering, Math) fields.



October 10<sup>th</sup>, Ada Lovelace Day

Writing, spelling, & recall – Please read the questions and write the answers. You can refer to the article for help with recall and spelling as needed.

1. What was the name of the machine that Ada Lovelace wrote a program for?
2. How was Ada Lovelace related to Lord Byron?
3. What did Ada Lovelace imagine that the Analytical Engine could do besides math?
4. Why is Ada Lovelace considered a pioneer of computing?
5. How old was she when she passed away?



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## Sentence Completion & Naming to Description -

Please write the answer

1. This is a branch of math that deals with shapes, angles, and measurements. It starts with G \_\_\_\_\_
2. This device can process information and perform tasks, such as emailing, gaming, and shopping. It starts with C \_\_\_\_\_
3. This is a branch of science that studies all living things, such as plants, animals, and humans. It starts with B \_\_\_\_\_
4. This subject involves the study of numbers and how they relate to each other in the world. It starts with M \_\_\_\_\_
5. This is a term that stands for Science, Technology, Engineering, and Mathematics. It refers to the subjects that are important for innovation and discovery. It starts with S \_\_\_\_\_



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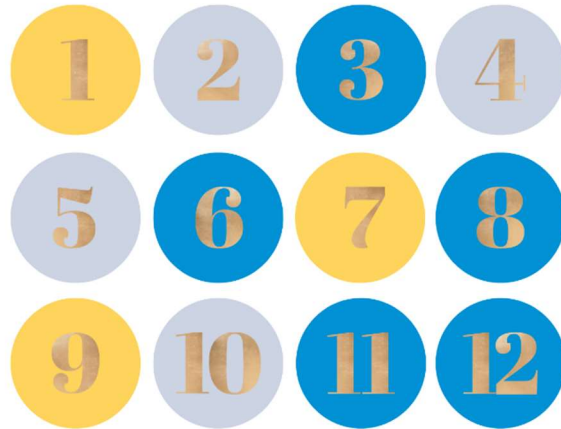
\* Word fluency challenge – Can you think of different tasks people can perform on a computer? Try to think of at least 5-10 items.

You can use the internet to help with word-finding by typing the first letter(s) into Google or Bing.

You can also describe what you are thinking using Alexa, the microphone feature on a search engine, or Bing chat.



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Phonological Components Analysis – Please answer the following questions about the picture.

- What is this a picture of? It's a group of \_\_\_\_\_
- What sound does the word start with?
- What are other words that begin with the same sound? \_\_\_\_\_  
\_\_\_\_\_
- What sound does the word end with?
- How many syllables are in the word? \_\_\_\_\_
- What words rhyme with the pictured item?

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## Semantic Feature Analysis

<u>What is it used for?</u>	<u>What does it look like?</u>
<u>Where do you find it?</u>	<u>What does it remind you of?</u>
<u>What does it do?</u>	<u>What category does it fall under?</u>

What is the item? \_\_\_\_\_



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