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Explore Computational Thinking

Simple encryption for text and messages

It would be great if you can hide text from people who shouldn't read this. We considered how text could be hidden or encrypted. We found an easy way to encrypt words and messages. The so called CaeserCode is a possibility to hide messages from others.

It works as follows:

$$A \rightarrow \mathbf{C\ (A + 2)}$$

$$B \rightarrow \mathbf{D\ (B + 2)}$$

$$Z \rightarrow \mathbf{B\ (Z + 2)}$$

$$\text{'Hello!'} \rightarrow \textbf{'Jgnnq!'}$$

You move every letter two letters to the right in the alphabet. So you get a encrypted word. Nobody who does not know how this kind of encryption works cannot translate this into the correct word!

It would be great if we can put this into reality…