

How did we prepare our class?

Difficulties

The first problem we ran into was that a lot of people quit the project at the last minute. Because of this we had to find new students who were able to participate.

Preparation

When we found those new students we only had one week left to organize the whole project. Luckily our teacher Mr Steven helped us a lot in the preparation. To anticipate the possible problems we could encounter we already gave the lesson to a Belgian class at our own school. Thanks to this we were able to optimize our class and make sure all the students understood what we were telling them.



The lesson itself

The lesson itself went well except for a few problems. The students weren't really participating in the beginning of the lesson so we started picking out random people and this helped a lot. The students learned something new but it wasn't too complicated for them.

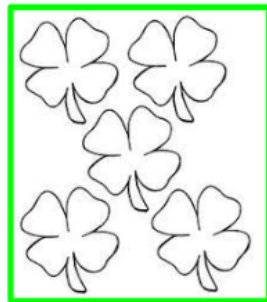
The Kahoot that we had prepared was online, so we could do it the way we prepared him, because phones aren't allowed in the school. Because of this, we used colored paper. In this way, it was a bit difficult to see who the winner was, but now we could ask them better why they thought something was right or wrong.

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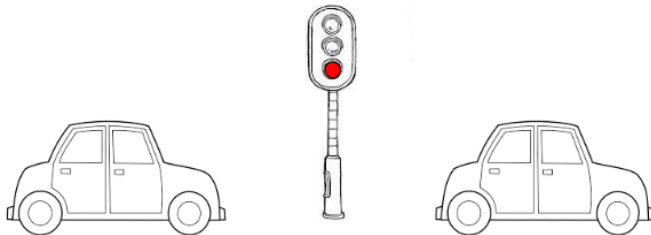
Examples



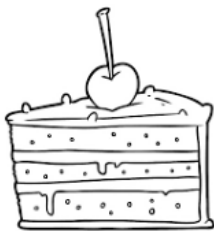
To explain the constant function we used the example of a wine cellar which always has to have the same temperature. Another example we gave was with a phone company who always charges the same amount of money every month.



To explain the linear function we used the example of farmer Patrick who has a piece of land. On the piece of land there are clovers. If he buys more land he will have more clovers.



To explain the linear function we used the example of a car driving. The car is driving and then encounters a traffic light. It reaches zero speed and then when the traffic light goes green again he speeds up. He leaves again.



To explain the exponential function we used the example where you have a cake of 10 pieces, when you are on your own, you have the 10 pieces for yourself. When there are 2 people, there are 5 pieces of the cake and when you are with 10 people, everyone has 1 piece. Another example we used was to build a house. When you're with not so many people, it will take a long time to build the house. When you are with a normal number of people, it will take a normal time to build the house and when you are with many people to build the house, the house will be built in a short time.

