



# Tomatosphere Seed Investigation



HOW DOES EXPOSURE TO THE SPACE ENVIRONMENT AFFECT THE NUMBER OF TOMATO SEEDS THAT GERMINATE?

## What we did

On April 4 we planted our seeds in peat pellets. We observed the seeds and recorded on a chart when they germinated.



To make sure it was a fair test, we gave all of the peat pots the same amount of water each day.

We were surprised that the seeds were so small!



## Did you know?

The tomato plants used in this investigation are called Roma tomatoes.

Our plants even had fruit! We used our tomato plants to make space tomato sauce!



## Results from the seed investigation

### 2017

We saw that the Type G seeds germinated a bit better than the Type H seeds.

We planted

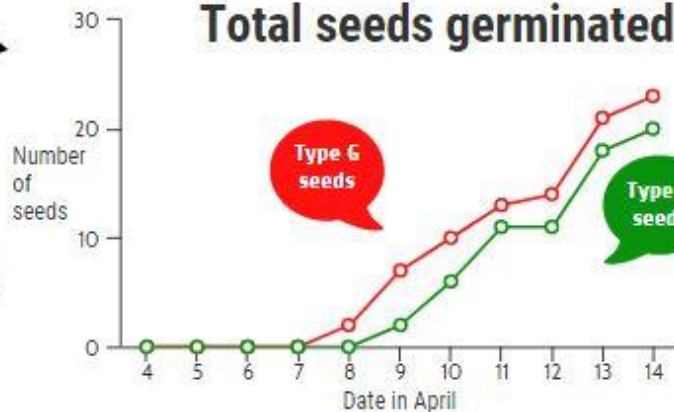


29



31

## Total seeds germinated



We learned that the Type G seeds had been on the International Space Station!