

**What do roly polies prefer to  
eat?**

K53

# PURPOSE & HYPOTHESIS

Purpose - The purpose of this experiment is to learn what roly polies like to eat.

Hypothesis - I think that roly polies will like food that is sweet.

# RESEARCH

Roly Polies Came From the Sea to Conquer the Earth | Deep Look -

<https://www.youtube.com/watch?v=sj8pFX9SOXE>

Armadillidiidae - <https://en.wikipedia.org/wiki/Armadillidiidae>

# MATERIALS

Three roly polies

Food - cucumber, dog food, grass and apple

Magnatiles

Timer

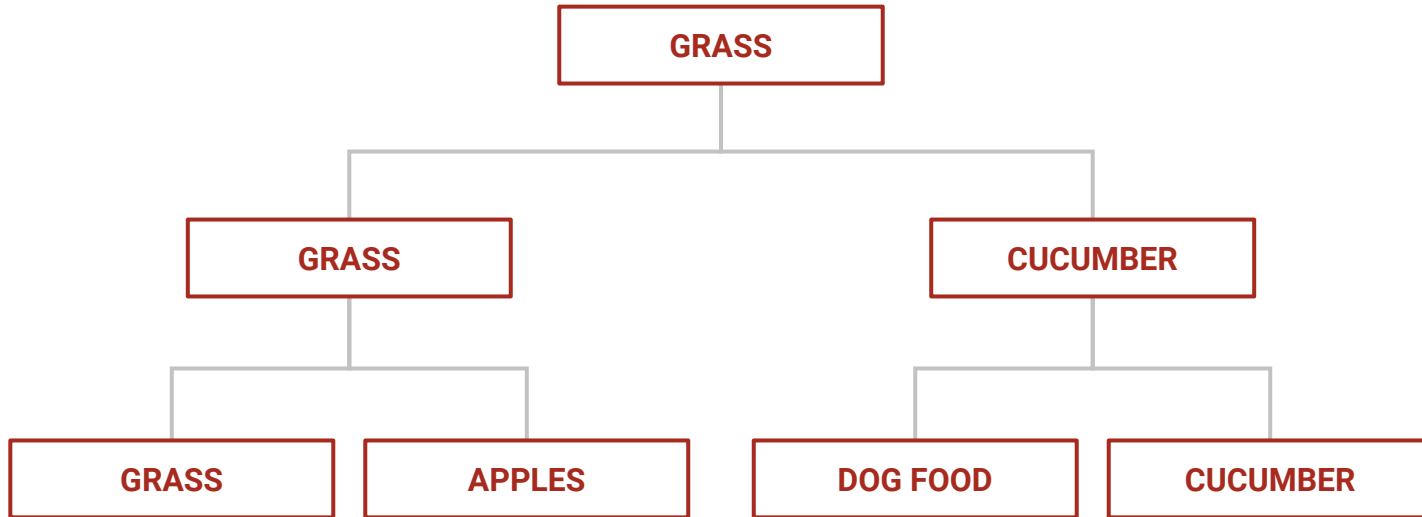
# EXPERIMENT

I built a house for the roly polies using the magnatiles. I found roly polies in the garden and placed them on one side of the house. I place the food on the other side. I put the food in different combinations to determine what food the roly polies like. I waited thirty minutes and then checked on the roly polies. I recorded the results in a diagram. A few of the roly polies went to sleep during the experiment and were put back into the garden.

# PHOTOS



# ANALYSIS



# CONCLUSION

The roly polies liked grass the best. My hypothesis was not right because grass is not sweet. It is possible that the roly polies went under the grass to hide from the light.



# REAL WORLD CONNECTION

It is best to look for roly polies in the shade or hiding under stuff.

# WORKS CITED