A STEM in the Park Take Home Activity

Science, Technology, Engineering, and Mathematics

the PARK

Seed Germination

Objective

To observe seed germination in different environments.

What You Need

- Ziploc bags (34)
- Paper towels (34)
- Seeds

What To Do

- 1. Dampen the paper towels.
- 2. Fold each paper towel into a quarter.
- 3. Place each paper towel into an individual ziploc bag (one folded paper towel per bag).
- 4. Place one to two seeds onto each paper towel in each bag and seal each bag.
- 5. Lay bags flat.
- 6. Put bags into different environments (warm, cold, dark, light, etc.)
- 7. Observe seed germination rates in each environment.



Continued on back

Questions

- 1. Which environment produced the fastest germinating seed?
- 2. Which environment produced the slowest germinating seed?
- 3. Why do you think you reached these results?

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