

Bio Peanuts



Age Group: K-12

Child/Adult Ratio: 6 to 1

Take Away Artifact: No

Approximate Time: On going & open ended

Divisions Covered: All

Materials:

Large Bag of Bio Peanuts and damp sponges

Questions to Ask:

What does it mean when something is Biodegradable? How are biodegradable packing materials good for the Earth?

Skills Required for Completion of Task:

Motor skills

- Bilateral upper extremity coordination
- Ability to manipulate small objects
- Hand-eye coordination
- Ability to grip objects
- Ability to stabilize objects/task

Process/Cognitive skills

- Ability to attend to task for greater than 5 minutes
- Follow multi-step directions
- Ability to sequence steps
- Ability to understand safety precaution
- Ability to organize or keep materials organized for task
- Ability to adjust to different workspace requirements

Social skills

- Ability to communicate and share equipment with peers/staff appropriately

K-8 Standards:

K.ESS3: Earth and Human Activity. 3) Communicate solutions that will reduce the impact from humans on land, water, air, and other living things in the local environment.

This activity would be appropriate completed by the following disciplines:

Occupational Therapy, LCSW, Family Services, Industrial Arts

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Instructions:

Build a structure by using a sponge to moisten the peanuts and sticking them together. At the end of the week, move the structure outside and spray it with water to show students how biodegradable items quickly break down in nature.