SUNBEAM



Seeds

- **1.** Listen to the parable found in Matthew 13:3-9. Read two other verses about seeds:
 - **a.** Genesis 1:11
 - **b.** Mark 4:31
 - **c.** Matthew 17:20
- **2.** What does a seed need in order to grow?
- **3.** Observe and discuss what happens when a seed sprouts.
- **4.** Name some ways that seeds are naturally spread.
- **5.** Name the largest and smallest seeds you have ever seen.
- **6.** Taste a variety of edible seeds. Have fun exploring new things!
- **7.** Collect and identify at least two different seeds in each category:
 - **a.** Tree seeds
 - **b.** Fruit seeds
 - **c.** Vegetable seeds
 - **d.** Grain/grass seeds
 - **e.** Nut seeds
- **8.** Make a seed collage or other seed craft.

Helps

- **1.** Read from the Bible or a Bible story book.
- **2.** Sunlight, rich soil, water, and proper air temperature.
- **3.** For this activity you will need the following items for each child: a clear glass jar, several sheets of paper towels, and a bean seed.
 - **a.** Roll the paper towel into a tube that you can insert into the jar.
 - **b.** Wedge a bean seed between the paper towel and the side of the jar.
 - **c.** Add about an inch of water to the bottom of the jar.
 - **d.** The water will travel up the paper towel and the bean will begin to germinate.
 - **e.** Add water to keep the towel moist.
 - **f.** Watch as the bean produces a whole root system.
- **4.** Animals, wind, water, gravity, and force.
- **5.** Listen to answers from the children and then share this information:
 - **a.** Largest: The largest seed is the double coconut or coco de mer (Lodoicea maldivica) from the Seychelle Isands. It is a giant fan palm. The coconut can take up to 10 years to develop, weigh up to 50 lbs and reach 12 in in length and nearly 3 ft in circumference.
 - **b.** Smallest: The smallest seed is from an orchid and it is less than half the diameter of a grain of table salt.
- **6.** Examples: Sesame seeds, green pumpkin seeds, wheat berries, millet seeds, tree nuts, and peanuts. (Caution: Please be aware of allergies.)
- **7.** An excellent activity would be to take a nature walk to find seeds such as acorns, berries, and grass seeds.
- **8.** Examples:
 - Popsicle stick photo frame with seeds glued in a pattern
 - Mosaic