

**MY PREDICTION**

Which do you think will survive better on dry land?

- A spore (tiny, needs moisture right away)
- A seed (has a tough coat and food inside)
- Both the same

**WHAT I OBSERVED**

The spores on the DAMP towel: \_\_\_\_\_

The spores on the DRY towel: \_\_\_\_\_

The seed on the DRY towel: \_\_\_\_\_

The seed in the sealed bag: \_\_\_\_\_

**THE TOUGH COAT TEST**

When I tried to crush the seed with my fingers: EASY / HARD

The tough coat of a seed protects the \_\_\_\_\_ inside.

This means a seed can survive conditions that would \_\_\_\_\_ a spore.

**DRAW WHAT YOU SAW**

Draw the spores on the DRY towel.

Draw the seed on the DRY towel.

**CONNECT TO THE DEVONIAN**

Before seeds evolved, plants needed \_\_\_\_\_ to reproduce.

This meant all plants had to stay near \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_.

When seeds evolved in the late Devonian, plants could spread to \_\_\_\_\_.

A seed is similar to an egg because both carry \_\_\_\_\_ and \_\_\_\_\_.

**I LEARNED THAT**

Spores need \_\_\_\_\_ to germinate.

Seeds carry their own \_\_\_\_\_ supply and a \_\_\_\_\_ coat.

The first seed plants appeared during the \_\_\_\_\_ Period.

Seeds changed plant life the same way \_\_\_\_\_ changed animal life:  
they broke the bond with \_\_\_\_\_ and opened up the whole land.

**THINK ABOUT IT**

*If seeds had never evolved, what do you think the land would look like today?*