# **Instructional Sheets & Tools:**

### **Celebrate Soil Sheets**

From KFAC - Laminated instructional sheets.

<u>Activity 1 - Mudshake</u> - Soil in jar with water: For learning the percentage amounts of air, water, mineral matter, and organic matter in the average soil, label the three types of particles in soil mineral matter, and be able to identify loam. Learn name of Kansas' state soil and comprehend how Kansas' soil was formed.



<u>Activity 2 - Mudpie - Soil in hands</u>: For learning measurements, how to use the Soil Textural Triangle to determine soil type, to compare and contrast their sample types, and determine their advantages and disadvantages of the soil types.

#### **Edible Soil Profile Sheets**



Laminated instructional sheets to make your own edible soil profile. Great in teaching the soil profile which goes right along with soil profile painted on the outside of the Soil Tunnel Trailer-WK.

### Garden in a Glove Sheet

Laminated instructional sheets to make your own garden in a glove. Students will conduct a scientific experiment and record data in order to explain the simple life cycle as well as the need of plants. Goes great with the crop theme of the Soil Tunnel Trailer-WK.



#### Parts of Plants Activity



From KFAC - Laminated sheets that have plants printed on them and the kids attach the parts of the plant to the right spot. Each part of the plant is a little rectangle with Velcro on back so it will attach to the plant on the sheet. It covers five plants: corn, sorghum, soybean, sunflower, and wheat. Goes great with the crop theme of the Soil Tunnel Trailer-WK.

# **Growth Stages of Plants**

From KFAC - Laminated sheets that explain the growth stages plants go through. Starts with the seed and finishes with the maturity of the plant. It covers six plants: corn, cotton, sorghum, soybean, sunflower, and wheat. Goes great with the crop theme of the Soil Tunnel Trailer-WK.



# KFAC KS Kids Connection Magazine - Grains and Oilseeds



From KFAC—Grains and Oilseeds (English or Spanish)

An eight side booklet the informs kids about the world of crops, anatomy of seeds, what plants need to grow, the timeline for planting and harvesting of Kansas crops, what food products are made from crops, the history of agriculture, top crop producing counties in Kansas and more.

I don't have many in stock yet but KFAC has sent me a few. I plan to pick up more at our KACD-EO conference in Manhattan this summer. You can print them from their website. Since I don't have a lot, I would suggest just giving one to each teacher for them to give-a-way. Or print some yourself. Great for a station to go along with trailer.