



### **Guided Activity: Virtual Farm Tour & Science Lesson**

Take an Adventure: (recommended for all ages)

- Meet the Kreuzler family at their farm in Guadalupe County, Texas
  - <https://youtu.be/BMkUtWWCeP0>
  - <https://vimeo.com/402536176>
- Is Guadalupe County close to where you live? Look at a map to learn more!

Word Hunt Challenge: (recommended for grades 4-8)

- Watch for the key words on the screen to learn about science!
- Raise your hand if you learned about these science words at school!
  - Or, did you learn the definitions in the video? If not, do some research to learn the meaning.

Think About It: (recommended for all ages)

- Have you been on a fun vacation? Did your family drive there? GPS probably made the trip easier. \*Think about it: Your family AND farmers use GPS!
- Have you seen the movie *Transformers*? The robots transform and fold up, right?  
\*Think about it: The planter on Mrs. K's farm folds up like a transformer so it can move from field to field!

Plant Your Own Seeds: (recommended for all ages)

- Follow Mrs. K's demonstration at the end of the video to plant your own seeds.
- You will need:
  - A container with a lid (ex. a reusable, plastic container from your kitchen)
  - Soil: Don't have potting soil? No problem! Just get some soil from the flower bed or out of a pot that is already growing flowers. You only need enough to fill the container about halfway.
  - Seeds: Grab some dry beans from your pantry (ex. lima beans)
  - Water (Follow Mrs. K's instructions on how much water you need! Hint: It isn't very much!)



**TEXAS FARM BUREAU®**

- Don't have a container or soil? Try This!
  - Grab a plastic sandwich bag out of your kitchen
  - Cut a paper towel to a size that will fit in the plastic bag
  - Saturate the paper towel with water
  - Squeeze out the extra water
  - Place the dry bean seed from your pantry on the wet paper towel
  - Close the bag but leave a small opening at the top of the bag for air
  - Tape the bag to a window
  - Watch the seed grow!

Say Thank You: (recommended for all ages)

- Write a letter to Mrs. K and her family to thank them for all they do to produce food for our world!

Letters can be mailed or emailed to:

**Mailing Address:**

Texas Farm Bureau  
Attn: Educational Outreach  
P.O. Box 2689  
Waco, TX 76702

**Email Address:**

[edoutreach@txfb.org](mailto:edoutreach@txfb.org)