



1. Before your Unfield Trip, choose one or more of these galleries to start student thinking with a KWLS chart:

Standards and Questions Ideas

Kindergarten:

- General Mills Lift, Load, & Haul: Plan and investigate to compare the strengths and directions of pushes and pulls on the motion of an object. (K-PS2-1)—> **What are pushes and pulls?**
- The Homestead Cabin & Farm: Use a model to represent the relationship between the needs of plants or animals (including humans) and the places they live. (K-ESS3-1)—> **How do plants and animals help each other?**
- The Market sponsored by Walmart: Recognize that foods are categorized into groups (Refer to USDA) (HW.12.K.4)—> **How can foods be grouped?**

First Grade:

- Nickelodeon PlayLab: Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate. (1-PS4-1)—> **What creates sound?**
- The Homestead Cabin and Farm: Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. (1-LS3-1)—> **Compare parents and offspring.**
- The Market sponsored by Walmart: Recognize that there are different kinds of nutrients: carbohydrates, protein, fats, vitamins, minerals, and water (HW.12.1.3)—> **What does food give the body?**

2. Fill out the **K** (I already know) and **W** (I want to know) before your Unfield Trip.

3. Encourage students and chaperones to have their KWLS charts in mind during their Unfield Trip.

4. After your Unfield Trip, lead your class to fill out the **L** (I learned) and **S** (I still want to know). Use this chart in a way that best fits your class; you could use it as a way to launch into a project or to find out what your students are interested in learning.

K

(I already **know**...)

W

(I **want** to know...)

L

(I **learned**...)

S

(I **still** want to know...)