

## **Fifth Grade Programs**

### **Agriculture Conservation**

Test how different land uses affect the water quality in Iowa. Decide which practices are best. There is an optional video chat with a farmer after this program to look into conservation practices in use.

Standards: NGSS 5-ESS2-1 and 5-ESS3-1

### **Food Chains**

This activity gives kids a role moving energy through the trophic levels in an ecosystem. It shows how energy in animal's food (used for body repair, growth, motion and to maintain body warmth) was once energy from the sun. Standards: NGSS 5-PS3-1 and 5-LS2-1

### **Survival Shelter Field Trip**

Students will be introduced to survival basics and then put to the test by building a shelter. We will discuss the criteria and constraints then guide students to design and construct their own survival shelter. This program can be aligned with the book "Hatchet" Standards: NGSS 3-5ETS1-1

### **Star Lab**

This is checked out from North West AEA office and scheduled at the beginning of the year, we typically have it in March. We come in set it up and give your students a star program they will never forget!

Standards: NGSS 5-ESS1-1 and 5-ESS1-2