

English Language Arts

Elementary

Activity	Fields of Learning Lesson Connection
Read <i>The Little Red Hen</i> and discuss how flour is made	Lesson 5 - Uses of Wheat
Read <i>The Little Red Hen Makes a Pizza</i> by Philemon Sturges and discuss the different foods that can be made from flour	Lesson 5 - Uses of Wheat
Read <i>If You Give a Mouse a Cookie</i> , <i>If You Give a Mouse a Brownie</i> , <i>If You Give a Moose a Muffin</i> , <i>If You Give a Dog a Donut</i> , <i>If you Give a Pig a Pancake</i> , and/or <i>If You Give a Cat a Cupcake</i> by Laura Numeroff and discuss the different foods that can be made from flour	Lesson 5 - Uses of Wheat
Read <i>Amelia Bedelia Bakes Off</i> by Herman Parish and discuss the importance of following directions when baking	Lesson 5 - Uses of Wheat

Middle School

Activity	Fields of Learning Lesson Connection
Read <i>On the Banks of Plum Creek</i> and/or <i>The Long Winter</i> by Laura Ingalls Wilder and discuss wheat's role in pioneer farming	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production
Analyze advertisements for wheat-based products	Lesson 5 - Uses of Wheat

High School

Activity	Fields of Learning Lesson Connection
Read <i>The Grapes of Wrath</i> by John Steinbeck and examine the effects of the Dust Bowl on agriculture and society	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production

Social Studies

Activity	Fields of Learning Lesson Connection
Dust Bowl history	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production
Great Plains settlement	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production
Texas agricultural regions	Lesson 1 - Introduction to Wheat
Agricultural economics	Lesson 1 - Introduction to Wheat
International trade	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production
Supply chains from farm to consumer	Lesson 3 - Wheat Production

Mathematics

Elementary

Activity	Fields of Learning Lesson Connection
Count wheat kernels	Lesson 2 - Wheat Anatomy & Growth
Measure plant growth	Lesson 2 - Wheat Anatomy & Growth
Graph rainfall	Lesson 2 - Wheat Anatomy & Growth

Middle School

Activity	Fields of Learning Lesson Connection
Calculate yield per acre	Lesson 3 - Wheat Production
Convert bushels to pounds	Lesson 3 - Wheat Production
Create graphs of state and national wheat production	Lesson 1 - Introduction to Wheat Lesson 3 - Wheat Production

High School

Activity	Fields of Learning Lesson Connection
Calculate input costs	Lesson 3 - Wheat Production
Determine breakeven prices	Lesson 3 - Wheat Production

Fine Arts

Activity	Fields of Learning Lesson Connection
Wheat field art	All lessons
Photography project	All lessons
Farm logo design	All lessons
Wheat-based product package design	All lessons
Agricultural posters	All lessons
Wheat-themed sculpture	All lessons
Infographics	All lessons
Floral design with wheat	All lessons

Fall (September - November)

Activity	Fields of Learning Lesson Connection
Plant wheat in the classroom or school garden	Lesson 2 - Wheat Anatomy & Growth
Compare planting depths	Lesson 2 - Wheat Anatomy & Growth
Explore seed treatments	Lesson 2 - Wheat Anatomy & Growth Lesson 3 - Wheat Production
Visit a local equipment dealership	Lesson 3 - Wheat Production

Winter (December - February)

Activity	Fields of Learning Lesson Connection
Identify wheat growth stages	Lesson 2 - Wheat Anatomy & Growth
Measure plant height	Lesson 2 - Wheat Anatomy & Growth

Spring (March - April)

Activity	Fields of Learning Lesson Connection
Study dormancy	Lesson 2 - Wheat Anatomy & Growth
Investigate winter grazing	Lesson 5 - Uses of Wheat
Learn how wheat survives freezing temperatures	Lesson 2 - Wheat Anatomy & Growth

Summer (May - July)

Activity	Fields of Learning Lesson Connection
Visit a wheat farm or grain elevator	Lesson 3 - Wheat Production
Learn about grain storage and elevator facilities	Lesson 3 - Wheat Production

National Agriculture Day (March)

Activity	Fields of Learning Lesson Connection
Visit a local farm or agribusiness or invite guest speakers	All lessons

National Nutrition Month (March)

Activity	Fields of Learning Lesson Connection
Explore wheat nutrition and health benefits	Lesson 4 - Wheat Nutrition

Pi Day (March 14)

Activity	Fields of Learning Lesson Connection
Bake pies	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat
Calculate pie fractions	Lesson 5 - Uses of Wheat
Discuss types of flour used for baking	Lesson 5 - Uses of Wheat
Identify crust ingredients	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat

Earth Day (April 22)

Activity	Fields of Learning Lesson Connection
Discuss the importance of conservation and sustainability in agriculture	Lesson 3 - Wheat Production

National Farm Safety Week (September)

Activity	Fields of Learning Lesson Connection
Learn about farm machinery uses and safety measures	Lesson 3 - Wheat Production
Visit a local machinery dealership or invite as guest speaker	Lesson 3 - Wheat Production

Farm Visit

Activity	Fields of Learning Lesson Connection
Planting	Lesson 3 - Wheat Production
Grazing	Lesson 1 - Introduction to Wheat Lesson 5 - Uses of Wheat
Harvest	Lesson 3 - Wheat Production
Equipment	Lesson 3 - Wheat Production
Soil health	Lesson 3 - Wheat Production

Grain Elevator Tour

Activity	Fields of Learning Lesson Connection
Receiving grain	Lesson 3 - Wheat Production
Moisture testing	Lesson 3 - Wheat Production
Grain grading	Lesson 3 - Wheat Production
Storage	Lesson 3 - Wheat Production
Transportation	Lesson 3 - Wheat Production

Flour Mill Tour

Activity	Fields of Learning Lesson Connection
Cleaning grain	Lesson 3 - Wheat Production Lesson 5 - Uses of Wheat
Milling	Lesson 5 - Uses of Wheat
Types of wheat and flour	Lesson 1 - Introduction to Wheat Lesson 5 - Uses of Wheat
Quality testing	Lesson 3 - Wheat Production Lesson 5 - Uses of Wheat
Food safety & standards	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat

Bakery Tour

Activity	Fields of Learning Lesson Connection
Uses and types of flour	Lesson 5 - Uses of Wheat
Food safety	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat
Consumer preferences and trends	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat

School Cafeteria Visit

Activity	Fields of Learning Lesson Connection
Learn how school meals are planned	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat
Identify wheat foods served	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat
Discuss whole grains in school lunches	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat
Identify food safety procedures	Lesson 4 - Wheat Nutrition Lesson 5 - Uses of Wheat

Speaker	Fields of Learning Lesson Connection
Wheat farmer	Lesson 1 -Introduction to Wheat Lesson 2 - Wheat Anatomy & Growth Lesson 3 - Wheat Production Lesson 5 - Uses of Wheat
AgriLife Extension agent or Research specialist	All lessons (depending on speaker's focus area)
Agronomist	Lesson 2 - Wheat Anatomy & Growth Lesson 3 - Wheat Production
Seed sales rep	Lesson 3 - Wheat Production
Grain merchandiser	Lesson 3 - Wheat Production
Miller	Lesson 5 - Uses of Wheat
Baker	Lesson 5 - Uses of Wheat
Dietitian	Lesson 4 - Wheat Nutrition
Texas Wheat staff or board member	All lessons