

Virtual Field Trip HPS Key Concepts and Essentials

Updated: 9.14.2020

These 45-60 minute programs cover a variety of topics, including local history, Kool-Aid, and science. They can be delivered from the Museum to your school, or directly to your students' homes for at-home learning days.

Habitat Detectives (Kindergarten)

Science- Kindergarten

- Relate to information on a science topic (I can work together to ask and answer questions) Scientific questioning
- Participate in simple, teacher-facilitated investigations (I can work together to ask and answer questions) Scientific Investigation
- Identify the basic needs of living things (water, air, food, space, shelter) (I can identify needs of living things) Characteristics of living organisms

Creating Kool-Aid (Grades K-2)

Social Studies- Kindergarten

- Identify choices students have made and explain why they had to make a choice.
- Recognize that people make choices because they cannot have everything they want (scarcity).
- Identify tools such as maps and globes as representations of local and distant places.
- Recognize historical people, events, ideas, and symbols.

Social Studies- First Grade

- Identify past events and people (i.e. Christopher Columbus, Pilgrims, Martin Luther King Jr., George Washington, Abe Lincoln) (I can tell about an important person from long ago.)
- Identify inventions (I can tell about new creations.)
- Describe a helpful invention and explain its importance. (I can tell how a new creation can help us.)
- Identify needs and wants of most families. (I can understand what things people have to have and what they would like to have.)

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Creating Kool-Aid (Grades K-2) Continued

Social Studies- Second Grade

- Identify the relationships between people's choices and their needs and wants
- Locate our state, Nebraska, on a United States map

Patterns in the Night Sky (Grade 1)

Science- First Grade

- Conduct simple investigations (investigations)
- Collect and record observations using pictures, words, and symbols (data collection)
- Use drawings and words to describe and share observations with others (communication)
- Identify objects in the sky (the Sun, the Moon, the stars) and when they are observable
- Identify objects that appear to move in the sky (the Sun, the Moon, stars)

Soil Science (Grades 2 and 4)

Science- Second Grade

- Describe objects, organisms, or events using pictures, words, and numbers (Scientific Observations)

Science- Fourth Grade

- Students will (I can) identify weathering, erosion, and deposition as processes that build up or break down the earth's surface slowly.

Hastings History (Grade 3)

Social Studies-Third Grade

- Describe and analyze chronological relationships and patterns
- Describe the development of people, events, ideas, and symbols over time (local cultural figures, landmarks, celebrations, and cultural events)

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Hastings History (Grade 3) Continued

Social Studies-Third Grade Continued

- Describe multiple perspectives of community events
- Identify past and current events, issues, and problems
- identify important people that influenced the development of our community
- identify and describe important landmarks in the community

Growing Kool-Aid (Grades 3-6)

Social Studies- Third Grade

- Identify various markets where buyers and sellers meet (e.g., shopping malls, auction, catalogs, garage sales, the Internet)
- Apply map skills to identify locations, cities, and towns
- Describe the development of people, events, ideas, and symbols over time (local cultural figures, landmarks, celebrations, and cultural events)
- identify important people that influenced the development of our community
- Identify and describe important landmarks in the community

Social Studies- Fourth Grade

- Recognize prices are what consumers pay when they buy a good or service.

Social Studies- Fifth Grade

- Analyze various markets where buyers and sellers exchange goods or services.

Social Studies- Sixth Grade

- Identify geographic features and historical events

Solar System Exploration (Grades 5-6)

Science- Fifth Grade

- Recognize that many different people study science and make new discoveries
- Make relevant observations and measurements

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Solar System Exploration (Grades 5-6) Continued

Science- Fifth Grade Continued

- Describe motion by tracing and measuring an object's position over a period of time (speed)
- Collect and organize data
- Develop a reasonable explanation based on data
- Identify the the phases of the moon. (new, first, full, third) (located in 5th grade kit: Sun, Moon, and Planets)
- Recognize the motion of the earth orbiting around the sun and rotating on its axis. (located in the 5th Grade kit: Sun, Moon, and Planets)
- Depict the motion of objects in the sky (Sun, Moon, stars) in a recognizable pattern, as they change over time