

Science - Grades K-2

The student will:

1. Identify properties of objects.
2. Classify and arrange groups of objects by a variety of properties, one property at a time.
3. Use appropriate materials, tools, and safety procedures to collect information.
4. Ask and answer questions about objects, organisms, and events in his/her environment.
5. Describe an observation orally or pictorially.
6. Observe properties of objects and measure or describe those properties using age-appropriate tools and materials.
7. Separate or sort a group of objects or materials by properties.
8. Compare solids and liquids.
9. Describe the position of an object in relation to other objects.
10. Discuss that organisms live only in environments in which their needs can be met.
11. Observe life cycles of different living things.
12. Observe living things in various environments.
13. Examine the structures/parts of living things.
14. Observe, compare, and sort earth materials.
15. Observe and recognize the sun, moon, stars, clouds, birds, airplanes, and other objects in the sky.
16. Describe that the sun provides light and warmth.
17. Observe changes in the weather from day to day.
18. Record weather changes daily.
19. Discuss weather safety procedures.
20. Explore the way things work.
21. Experience science through technology.
22. Engage in personal care.
23. Discuss healthy foods.
24. Discuss that humans need to practice being safe.
25. Be involved in explorations that make his/her mind wonder and know that he/she is practicing science.
26. Use technology to learn about people in science.



Essential Skills

for

Kindergarten

**USD 434 Santa Fe Trail
1663 East US HWY 56
Carbondale, Kansas 66414**

Reading

The student will:

1. Recognize lowercase letters.
 2. Recognize uppercase letters.
 3. Know the sounds of consonant letters in isolation.
 4. Give the beginning sounds of pictures or words.
 5. Listen and recall events of a story.
 6. Understand basic concepts of print. (Left to right, holds book correctly, turns pages one at a time).
 7. Understand the sound-symbol relationship.
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Writing

The student will:

1. Write first name correctly. (Capital at the beginning and lower case on other letters).
 2. Write uppercase letters.
 3. Write lowercase letter.
 4. Write legibly.
 5. Begin learning 6-Trait Writing process: conventions - capitalize beginning of sentence and ending punctuation.
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Listening

The student will:

1. Listen actively to be an effective communicator.
 2. Take turns in conversation and demonstrate an interest in what others have to say by allowing others to complete their messages.
 3. Ask questions of others and provide responses to questions in order to clarify understanding.
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Technology

The student will:

1. Learn basic technology vocabulary.
2. Start and exit computer programs.
3. Log in/log out as a user.
4. Become familiar with the keyboard, mouse, and control keys.
5. Work cooperatively and collaboratively with peers.
6. Follow rules of the computer lab.

Math

The student will:

1. Count orally to 100.
 2. Read, write, order and compare numbers to 31.
 3. Count backwards from ten.
 4. Perform addition and subtraction using ten objects.
 5. Understand more or less when comparing a set of objects.
 6. Locate numbers on a number line.
 7. Understand over, under, above, between, on, off, top and bottom.
 8. Use appropriate vocabulary when comparing height, temperature and length.
 9. Use tally marks to collect data.
 10. Display data using pictorial graphs and tables.
 11. Recognize a circle, square, rectangle, triangle, and oval.
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Social Studies

The student will:

1. Identify roles of self in relation to family and school.
2. Examine the rights and responsibilities of self in relation to family and school.
3. Discuss safety rules pertaining to home and school.
4. Identify community workers and describe how they contribute to the exchange of goods and services.
5. Explain and demonstrate the role of money in everyday life.
6. Recognize significant contributions of important historical individuals.
7. Learn about the importance of groups of people who have contributed to our United States heritage.
8. Learn about the significance of holidays and symbols related to United States as well as Kansas.
9. Recognize various representations of the earth, such as maps and globes.
10. Locate and distinguish between land forms and oceans using a globe. Identify the equator, North Pole, South Pole on a globe. Locate Kansas on a United States map.