

Kindergarten Science/Social Studies Placemat

Science

Animals, Plants, and Their Environment

[K.ESS3.C.1](#) - Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

[K.ESS3.A.1](#) - Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

[K.ESS2.E.1](#) - With prompting and support, construct an argument using evidence for how plants and animals (including but not limited to humans) can change the environment to meet their needs.

[K.LS1.C.1](#) - Use observations to describe patterns of what plants and animals (including humans) need to survive. (Examples of patterns could include that animals need to take in food but plants do not; the different kinds of food needed by different types of animals; the requirement of plants to have light; and that all living things need water)

Sun, Moon, and Stars

K.PS3.A.1 - Make observations to determine the effect of sunlight on Earth's surface.

K.PS3.B.1 - With prompting and support, use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.

K.ESS1.B.1 - Make observations during different seasons to relate the amount of daylight to the time of year. (Emphasis is on relative comparisons of the amount of daylight in the winter to the amount in the spring or fall)

[1.ESS1.A.1](#) - Describe the presence of the Sun, Moon, and stars in the sky over time.

[1.ESS1.A.2](#) - Use observations of the sun, moon, and stars to describe patterns

Design Inquiry

K.ETS1.A.1 - Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.

K.ETS1.B.1 - Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps its function as needed to solve a given problem.

K.ETS1.C.1 - Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.

Social Studies

Family and Heritage

K.RI6.A.a - Describe cultural characteristics of your family and class members including language, celebrations, customs, holidays, artistic expression, food, dress, and traditions.

K.RI6.D.a - Describe how you and your family remember and commemorate your cultural heritage.

K.PC1.E.a - Describe the character traits of role models within your family or school.

K.H3.B.a - Create a personal history.

K.H3.B.b - Compare your family's life in the past and present.

I.H3.C.a - Describe the contributions of people typically studied in K-5 programs associated with national holidays. (see teacher resources for illustrative examples)

K.RI6.C.a - Share stories related to your family cultural traditions and family lore.

Citizenship

K.PC1.F.a - Identify the flag as a symbol of our nation.

K.PC1.F.b - Recite the Pledge of Allegiance.

K.PC1.C.a - Discuss the concept of individual rights.

K.RI6.B.a - Explain how to resolve disputes peacefully in the classroom and on the playground.

K.PC1.B.a Identify reasons for making rules within the school.

K.GS2.D.a - Describe roles and responsibilities of people in authority in families and in groups.

K.GS2.C.a - Describe why groups need to make decisions and how those decisions are made in families and classrooms.

Maps

K.EG5.A.a - Identify maps as representations of real places.

K.EG5.B.a - Apply positional words to locations within the classroom.

K.EG5.A.c - Match legend symbols to map features.

K.EG5.A.b - With assistance, read, construct, and use maps of familiar places such as the classroom, the home, the bedroom, etc.

Tools

K.TS7.A.a - Label and analyze different social studies' sources with guidance and support from an adult.

K.TS7.A.b - Use artifacts to share information on social studies' topics. (See teacher resources for illustrative examples)

K.TS7.B.a - Use visual tools to communicate information.

K.TS7.D.a - Share findings about a social studies' topic.

K.TS7.E.a - Ask questions and find answers, with assistance.