

MOVE TO LEARN GLOBAL SCHOOL

GRADE 2 CURRICULUM - SCIENCE

PHYSICAL SCIENCE

Unit 1 – Matter

Concept: Matter has three states solid, liquid, gas

Skills: Apply science vocabulary in context! Conduct experiments and record results. Complete charts or graphs to categorize information. Complete charts or graphs to answer questions.

Unit 2 – Changes in Matter

Concept: Matter can change when it is mixed, heated or cooled.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Conduct experiments and record results. Write sentences to demonstrate understanding of science concepts.

Unit 3 – Forces and Motion

Concept: Pushing and pulling can change the position and motion of objects.

Skills: Interpret information from graphic images. Conduct experiments and record results. Write sentences to demonstrate understanding of science concepts.

Unit 4 – Forces at Play

Concept: Magnets can move things without touching them.

Skills: Apply vocabulary in context! Interpret information from graphic images. Conduct experiments and record results, Write or draw to demonstrate understanding of science concepts.

LIFE SCIENCE

Unit 5 – My Body

Concept: People grow and change.

Skills: Label graphic images to demonstrate understanding of science concepts. Write sentences to demonstrate understanding of science concepts. Make are projects to represent science concepts. Record information in charts or graphs.

Unit 6 – Body Parts

Concept: Bones and joints help support and move your body.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Draw pictures to demonstrate understanding of science concepts. Make projects to demonstrate understanding of science concepts. Conduct experiments and record

results,

Unit 7 – Animal Life Cycles

Concept: Animals grow and change.

Skills: Read graphic information to answer questions. Make art projects to represent science concepts. Complete charts or graphs to demonstrate understanding of science concepts.

Unit 8 – Plants

Concept: Plants grow and change.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Conduct experiments and record results. Write sentences to demonstrate understanding of science concepts.

Unit 9 – Habitats

Concept: Habitats have all kinds of life.

Skills: Apply science vocabulary in context! Interpret information from charts or graphs. Make art projects to represent science concepts. Complete charts or graphs to demonstrate understanding of science concepts.

SPACE AND EARTH SCIENCE

Unit 10 – Space

Concept: We can see the objects in the sky.

Skills: Apply science vocabulary in context. Label graphic images to demonstrate understanding of science concepts. Make art projects to represent science concepts. Match word to definitions.

Unit 11 – The Sun

Concept: We can see objects in the sky.

Skills: Apply science vocabulary in context! Write sentences to demonstrate understanding of science concepts. Conduct experiments and record results. Make projects to represent science concepts.

Unit 12 – Weather

Concept: Different cloud types give us different weather.

Skills :Apply content vocabulary in context. Label graphic images to demonstrate understanding of science concepts. Conduct experiments and answer questions. Make art projects to represent science concepts.

EARTH'S SYSTEMS

Unit 13 – Geology

Concept: different forces shape the land.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Conduct experiments and answer questions. Conduct experiments and record results. Label graphic images to demonstrate understanding of science concepts.

Unit 14 – Water and Ice

Concept :Water on Earth can be liquid or solid.

Skills: Apply science vocabulary in context! Label graphic images to demonstrate understanding of science concepts. Conduct experiments. Write sentences to demonstrate understanding of science concepts.

SCIENCE AND ENGINEERING

Unit 15 – Science

Concept: Scientists make observations, conduct experiments, gather information and draw conclusions about the world.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Make observations and record information. Write informational text.

Unit 14 – Engineering

Concept: Engineers ask questions and develop solutions in order to design a project.

Skills: Apply science vocabulary in context! Interpret information from graphic images. Make art projects to represent science concepts. Write questions to demonstrate understanding of a science concept.