

# Pre-K 2020 Unit #2: Science - My Family (PK)

Content Area: **Science**  
Course(s): **Pre K**  
Time Period: **Marking Period 1**  
Length: **4 weeks**  
Status: **Published**

## Established Goals/Standards

---

Please choose the appropriate Goals/Standards from the Standards tab above.

SCI.PK.5.1.3	Use basic science terms (e.g., observe, predict, experiment) and topic-related science vocabulary (e.g., words related to living things [fur, fins, feathers, beak, bark, trunk, stem]; weather terms [breezy, mild, cloudy, hurricane, shower, temperature]; vocabulary related to simple machines [wheel, pulley, lever, screw, inclined plane]; words for states of matter [solid, liquid]; names of basic tools [hammer, screwdriver, awl, binoculars, stethoscope, magnifier]).
SCI.PK.5.2.2	Explore changes in liquids and solids when substances are combined, heated, or cooled (e.g., mixing sand or clay with various amounts of water; preparing gelatin; mixing different colors of tempera paint; and longer term investigations, such as the freezing and melting of water and other liquids).
SCI.PK.5.2.3	Investigate sound, heat, and light energy through one or more of the senses (e.g., comparing the pitch and volume of sounds made by commercially made and homemade instruments, recording how shadows change during the course of a day or over time, using flashlights or lamp light to make shadows indoors).
SCI.PK.5.3.1	Investigate and compare the basic physical characteristics of plants, humans, and other animals (e.g., observing and discussing leaves, stems, roots, body parts; observing and drawing different insects; sorting leaves by shape; comparing animals with fur to those with feathers).
SCI.PK.5.4.1	Explore and describe characteristics of soil, rocks, water, and air (e.g., sorting rocks by shape and/or color, observing water as a solid and a liquid, noticing the wind's effect on playground objects).
SCI.PK.5.1.3	Use basic science terms (e.g., observe, predict, experiment) and topic-related science vocabulary (e.g., words related to living things [fur, fins, feathers, beak, bark, trunk, stem]; weather terms [breezy, mild, cloudy, hurricane, shower, temperature]; vocabulary related to simple machines [wheel, pulley, lever, screw, inclined plane]; words for states of matter [solid, liquid]; names of basic tools [hammer, screwdriver, awl, binoculars, stethoscope, magnifier]).
SCI.PK.5.2.2	Explore changes in liquids and solids when substances are combined, heated, or cooled (e.g., mixing sand or clay with various amounts of water; preparing gelatin; mixing different colors of tempera paint; and longer term investigations, such as the freezing and melting of water and other liquids).
SCI.PK.5.2.3	Investigate sound, heat, and light energy through one or more of the senses (e.g., comparing the pitch and volume of sounds made by commercially made and homemade instruments, recording how shadows change during the course of a day or over time, using flashlights or lamp light to make shadows indoors).
SCI.PK.5.3.1	Investigate and compare the basic physical characteristics of plants, humans, and other animals (e.g., observing and discussing leaves, stems, roots, body parts; observing and drawing different insects; sorting leaves by shape; comparing animals with fur to those with feathers).
SCI.PK.5.4.1	Explore and describe characteristics of soil, rocks, water, and air (e.g., sorting rocks by shape and/or color, observing water as a solid and a liquid, noticing the wind's effect on

playground objects).

## Essential Questions

---

Please add your Essential Questions by clicking on the Lists tab above.

- How do babies and people look different?
- What are everyday foods?
- What are sometimes foods?
- What are your five senses?
- What is a solid, liquid and gas?

## Enduring Understanding

---

Please add your Enduring Understandings by clicking on the Lists tab above.

- A solid is a rock, liquid is water and a gas is the air
- Babies are small and adults are grown up
- Examples of everyday foods are fruits and vegetables
- Examples of sometimes foods are candy, ice cream and cookies
- Our five senses are see, hear, smell, taste, touch

## Content

---

Students will be able to:

- Discuss the human life cycle
- Discuss healthy nutrition habits
- Explore changes
- Measure objects
- Make scientific predictions
- Share scientific information
- Investigate materials

Vocabulary:

- adult
- baby
- child
- healthy
- nutritious
- gas
- liquid
- solid
- investigate

- observe
- smell
- taste

## **Resources**

---

Please add your Resources by clicking on the Lists tab above.

- Science Poster 3
- Science Poster 4