MA 2016 STE PreK-5 Earth & Space Science Strand Map (April 2016)

Grade K
- K-ESS1-2: Model the composition of Earth's atmosphere and clouds through physical and chemical processes to explain how weather changes.

Grade 1
- 1-ESS2-3: Use evidence to describe that different places in the sky appear to be part of the sky and appear to be moving.

Grade 2
- 2-ESS1-1: The observation of the moon, stars, and sky appears to be moving and appears to move in parts of the sky.

Grade 3
- 3-ESS3-2: Map the shapes and types of landforms and bodies of water on Earth. Examples of landforms include mountains, valleys, and rivers. Examples of bodies of water include oceans, seas, and rivers.

Grade 4
- 4-ESS3-1: Evaluate the work of a design team that reflects an impact of a weather-related hazard.

Grade 5
- 5-ESS3-1: Observe and contrast information about ways conservation reduces human impact on Earth's resources and about how a climate change barrier to prevent flooding, a wind-resistant roof, and a lighting rail.

Note: This document contains a flowchart with information on Earth & Space Science for grades K-5, including standards and recommended resources for each grade level. The chart outlines how concepts and skills should be taught across these grades, focusing on observing phenomena, inferring ideas, and predicting outcomes. Each standard is linked to specific learning objectives and recommended resources for educators.