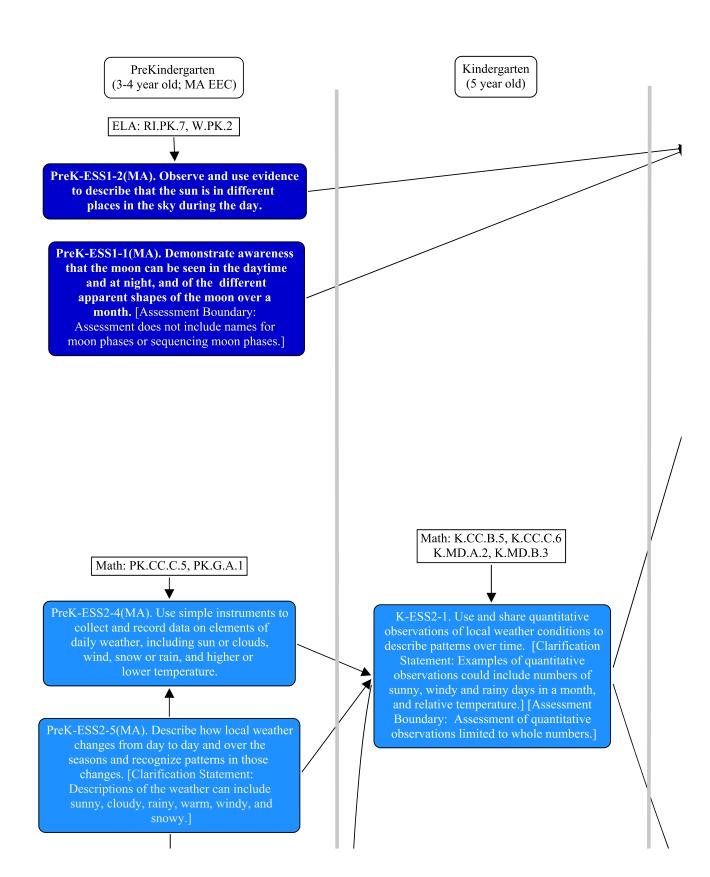
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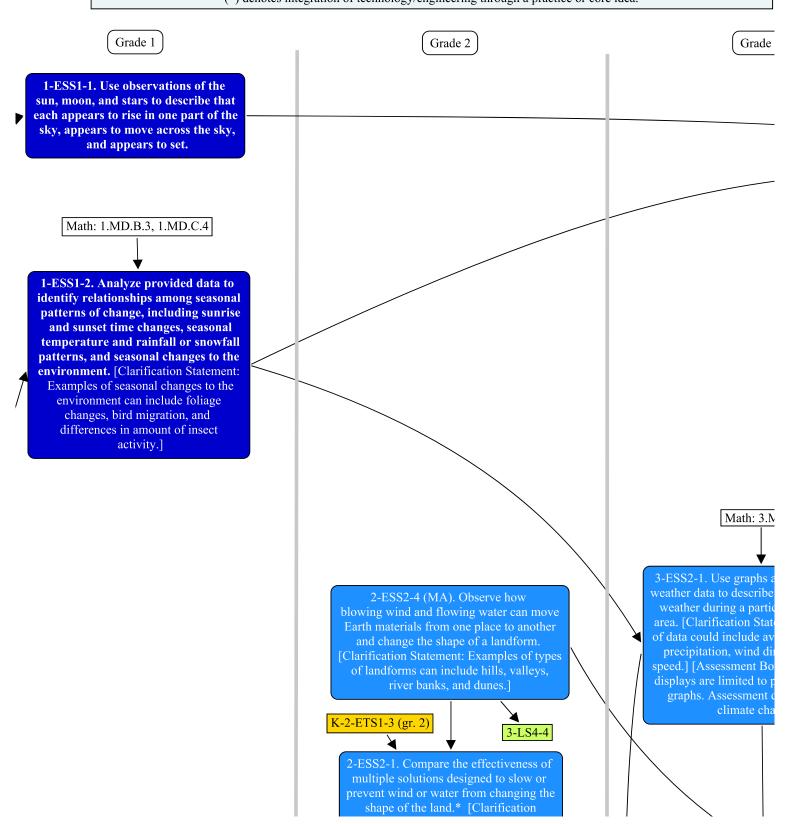
1.
Earth's
Place
in the
Universe

sed PreK-5 Earth & Space Science Stran

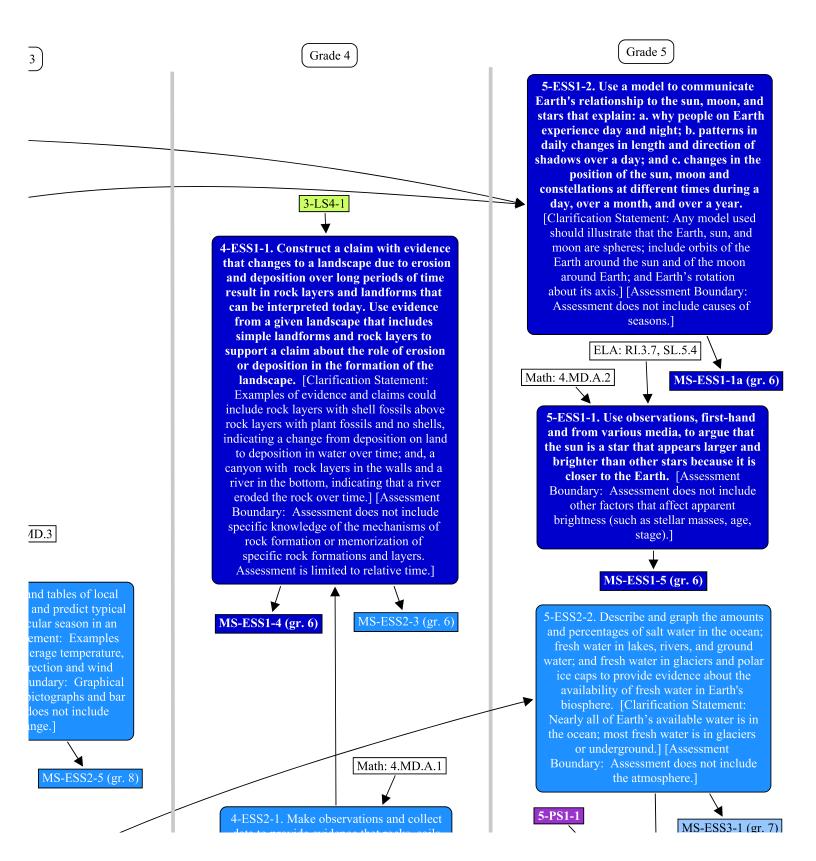
Based on *A Framework for K-12 Science Education* (NRC, 2012) and adapted from the *Next Generation Science Standards* (2013)

Please direct comments, suggested edits, and questions to: mathsciencetech@doe.mass.edu.

The standards and strand maps are available at: www.doe.mass.edu/stem/review.html
(*) denotes integration of technology/engineering through a practice or core idea.



d Map (12/20/13)



PreK-ESS2-6(MA). Understand the impact of weather on living things. [Clarification Statement: Make connections between the weather and what they wear and can do and the weather and the needs of plants and animals for water and shelter.]

Math: PK.MD.B.3 PreK-PS1-2. PreK-ESS2-2(MA). Observe and classify non-living materials, natural and human-made, in their local environment. ELA: Sl.PK.3, SL.PK.6 PreK-LS2-1 PreK-ESS2-1(MA). Raise questions and engage in discussions about how different types of local environments (including water) provide homes for different kinds of living things. PreK-ESS2-3(MA). Explore and describe different places water is found in the local environment. ELA: SL.PK.6 PreK-LS2-3 PreK-ESS3-2(MA). Observe and discuss the impact of people's activities on the local environment.

PreK-ESS3-1(MA). Engage in discussion and raise questions using examples about local resources (including soil and water) humans use to meet their needs.

ELA: Sl.PK.3, SL.PK.6

Massachusetts Department of Elementary and Secondary Education December 20, 2013 ELA: W.K.2, SL.K.5

K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment. [Clarification Statement: Examples of plants and animals changing their environment could include a squirrel diging holes in the ground and tree roots that break concrete.]

3-LS4-4

ELA: RI.K.2

K-ESS3-2. Obtain information about the purpose of weather forecasting to prepare for, and respond to, different types of local weather.

ELA: SL.K.5, SL.K.6

K-ESS3-3. Communicate solutions to reduce the amount of natural resources an individual uses.* [Clarification Statement: Examples of solutions could include reusing paper to reduce the number of trees cut down and recycling cans and bottles to reduce the amount of plastic or metal used.]

3. Earth & Human Activity

