**Questions and Answers & Notes from Chat**

**Webinar: Remote Learning in Elementary Science & Technology/Engineering**

**Date: May 19, 2020**

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|  | **Question** | **Answer** |
| 1 | How should districts use the prerequisite standards? Can districts prioritize standards? | Districts should use their scope and sequence to identify the standards already taught and compare them with the prerequisite standards to create an implementation plan for the remainder of the school year. |
| 2 | What about the standards that haven't been covered this year, but they are not on the prerequisite standards list? Do we need to cover those this year? | DESE recommends focusing on covering the prerequisite standards that had not been taught yet, and ensuring proficiency in prerequisite standards that had been taught. Any additional standards focused on during this time is a local decision. |
| 3 | Where can I find the document that provides a list of prerequisite standards for each grade?  | The document can be found here: <http://www.doe.mass.edu/covid19/learn-at-home.html>  |
| 4 | *Examples of resources and ideas participants suggested in the chat for engaging elementary students in science.*  | *Examples of resources and ideas participants suggested in the chat for engaging elementary students in science.* * Going through the life cycle of a lady bug; started with ladybug larvae and shared with class through pictures, videos, and live sessions; also tied it into my reading and writing lessons.
* Used a robin nest as the introduction/engagement that that became the science lessons for weeks.
* Using mini-lessons from Mystery Science and creating a Google Form to collect student responses and questions.
* Integrated ELA and Science as a study of American landmarks. If they visited Plymouth Rock in ELA, they countered with a visit to the Grand Canyon with a review of Earth science.
* As a digital window, using allaboutbirds.org (Cornell) they have live webcams of birdfeeders and nests
* BrainPOP for videos
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| 5 | What's the plan for next year?  | We recommend continuing with your scope and sequence as planned for the 20-21 school year. DESE will release guidance on ways to supplement instruction soon. |
| 6 | How do I sign up for the STEM newsletter? | Please sign up here, <http://www.doe.mass.edu/resources/newsletter-signup.aspx>. Scroll down to the Curriculum, Instruction, and District Support section. Email STEM Remote Learning Highlights to Alicia Wedderburn at alicia.wedderburn@mass.gov  |
| 7 | Where can I find the link to the Connections Document (document that highlights intersections between the 2016 Science and Technology/Engineering Curriculum Framework, the 2017 Mathematics Curriculum Framework, and the 2017 ELA/Literacy Curriculum Framework)? | The document is located on our Curriculum Planning section of our STE webpage. Here is the link to the document, <http://www.doe.mass.edu/stem/ste/?section=planning#resources>  |
| 8 | Will the chat be shared? | The relevant links and ideas shared in the chat are included in the answers above. |