NEXT GENERATION SCIENCE

## Grade 2 Next Generation Science Standards Course Pacing Guide

Narrative and Rationale: The topic model in Grade 2 is divided into three bundles that build in complexity in terms of both disciplinary and crosscutting content, as well as the application of science and engineering practices across the year.

In Bundle 1, students can examine patterns of where water is found on the Earth in both solid and liquid forms, and patterns of where different kinds of plants and animals live on the land and in the water. In Bundle 2, students can examine how the land can change slowly or quickly by wind or water, and how different design solutions can affect these changes. In Bundle 3, students can explore the needs of plants and how animals and designed solutions can help meet plants' needs.

Note that the practices and crosscutting concepts included in each bundle are intended as end-of-instructional unit expectations and not curricular designations. Additional practices and crosscutting concepts should be used throughout instruction in each bundle.

| Michigan Model Social and Emotional Health Safety ~ 2 weeks | Bundle 1 <br> Water <br> ~12 weeks | Bundle 2 Changes to Land <br> ~ 12 weeks | Bundle 3 <br> The Needs of Plants <br> ~10 weeks |
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| Resources: <br> MI Model <br> http://www.spsd.net/wp-content/uploads/2018/03/SEX-EDNEWSLETTER.pdf | Pearson Resources <br> Chapter 1 | Pearson Resources <br> Chapter 3 | Pearson Resources <br> Chapter 2 |
| Health Education <br> What health habits and skills should we be practicing? | Bundle Question <br> What patterns related to water exist in the natural world? | Bundle Question <br> Why does the land change over time? | Bundle Question <br> What do plants need? |

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