

# Needham STE K-5 Standards & Curriculum Map

DRAFT 2018

Kindergarten

Grade 1

Grade 2

Grade 3

Grade 4

Grade 5

To take place in conjunction with Full Day K Planning

**Earth Science**

**Development of New Unit:  
Topic Our Earth?**

**Standards to Address:**

K- ESS2-2  
K-ESS3-3  
K-PS3-1  
K-PS3-2.

**Adapt Weather/  
Seasons  
Unit  
Topic: Observing the  
Weather, Sky  
and Seasons?**

**Standards to address:**

K-ESS2-1  
K ESS3-2  
1-ESS1-1  
1-ESS1-2

**Deletion of Soils  
Unit  
Development of  
new unit  
Topic: Water habitats/  
mapping?**

**Standards to address:**

2-ESS2-2  
2-ESS2-3  
2-LS2-3(MA)  
2-LS4-1

**Deletion of Rocks &  
Minerals Unit**

**Development of  
new unit  
(bring Changing Earth  
unit to Grade 3)**

**Standards to address:**

2-ESS2-4(MA)  
2-ESS2-1  
4-ESS1-1  
4-ESS2-1  
4-ESS2-2

**Adapt Light & Shadow  
Topic: Sun Stars and  
Waves?**

**Standards to address:**

4-PS4-1  
4-PS4-2  
4-PS4-3  
5-ESS1-1  
5-ESS1-2  
5-ESS2-1

**Weather & Water unit  
created 2017-18**

**Standards addressed:**

3-ESS2-1  
3-ESS2-2  
3-ESS3-1  
5-PS1-1  
5-ESS2-1  
5-ESS2-2  
5-ESS3-1  
5-ESS3-2(MA)  
5-ETS3-1(MA)  
5-ETS3-2(MA)

**Life Science**

Development of new unit:  
Topic: Plants and  
Animals?

**Standards to Address:**

PreK-LS2-1(MA)  
PreK-LS2-2(MA)  
PreK-LS2-3(MA),  
K-LS1-1,  
K-ESS2-2.

**Adapt Life Cycles Unit**

**Standards to address:**

K LS1-2 (MA)  
1-LS1-1  
1-LS1-2

**Trees Unit Created  
2016-17**

**Standards addressed:**

1-LS1-1  
1-LS3-1  
2-LS2-3(MA)

**Delete Fossils Unit  
Development of  
new unit  
Topic: Adaptations and  
Fossils?**

**Standards to address:**

3-LS4-1  
3-LS4-2  
3-LS4-3  
3-LS4-4  
3-LS4-5(MA)

**Insects unit created  
2017-18**

**Standards addressed:**

4-LS1-1  
3-LS1-1  
3-LS3-1  
3-LS3-2  
3-LS4-2

**Delete Inverts and  
Verts unit**

**Development of  
new unit  
Topic: Ecosystems**

**Standards to address:**

5-LS1-1  
5-LS2-1  
5-LS2-2(MA)  
5-ESS3-1  
5-PS3-1

**Physical Science**

**Development of new unit:  
Topic: Community?**

**Standards to address:**

PreK-PS2-1(MA)  
PreK-PS2-2(MA)  
PreK-PS2-3(MA)  
K-PS1-1(MA)

**Sound & Light unit  
created  
2018-19**

**Standards addressed:**

1-PS4-1  
1-PS4-3  
1-PS4-4  
1.K-2-ETS1-2

**Adapt Magnets Unit**

**Standards to address:**

2-PS1-1  
2-PS1-2  
2-PS1-3  
2-PS1-4?  
3-PS2-3  
3-PS2-4  
2.K-2-ETS1-3.

**Adapt Circuits Unit:**

**Standards to address:**

4-PS3-2  
4-PS3-4  
4-ESS3-1  
3-5-ETS2-2

**Development of  
new unit  
Topic: Forces and  
Energy**

**Standards to address:**

2-PS3-1 (MA)  
3-PS2-1  
4-PS3-1  
4-PS3-3  
5-PS2-1

**Deletion of Simple  
Machines unit**

**Development of new unit  
Topic: Chemical  
Reactions**

**Standards to address:**

5-PS1-1  
5-PS1-2  
5-PS1-3  
5-PS1-4