

## Deep Sea Core Drilling

**Grade Level:** K - 5

**Duration:** 50-minute session

**Number of classes per visit:** 4-6

**Available:** October - June

What did the world look like long ago? What stories does the underground tell? Deep Sea Ocean Core Drilling allows us to dig into unforeseen treasures of knowledge. Some of these core samples tell us about what the surface of Earth and its seafloor was like millions of years ago. Starting with group projects, unsuspecting students will make their deep-sea-core samples. Then, after learning the true meaning of the project, they will analyze the worlds they created in their cores.

Oregon (Social Science // Science // ELA)

K.9, K.11, K.12, K.13, K.15, K.16, K.18 // K-ESS2-1 // K.RL.2, K.RL.3, K.RI.9, K.SL.1a, K.SL.2, K.SL.3  
1.11, 1.17, 1.18, 1.19, 1.22 // none // 1.RL.1, 1.RL.2, 1.RL.3, 1.RL.5, 1.RI.9, 1.SL.1a, 1.SL.2,  
1.SL.3  
2.11, 2.14, 2.17, 2.18, 2.19, 2.22, 2.23, 2.24 // 2-PS1-1, 2-ESS1-1, 2-ESS2-3 // 2.RL.2, 2.RL.3,  
2.RI.9, 2.SL.3  
3.9, 3.13, 3.15, 3.16, 3.17 // 3-PS2-2, 3-ESS2-2 // 3.RL.2, 3.RI.9, 3.SL.3, 3.SL.1b  
4.12, 4.20, 4.23 // 4-ESS1-1, 4-ESS2-2 // 4.RI.9, 4.SL.1b  
5.13, 5.23 // 5-PS1-3 // 5.RI.9, 5.SL.1b

Washington (Social Studies // Next Gen. Science // ELA)

SSS1.K.4 // K-ESS2-1, K-ESS2-2, K-ESS3-1, K-ESS3-3, K-ETS1-2 // RL 1, RL 2, RL 5  
SSS1.1.3, G1.1.1 // 1-ETS1-2 // RL 1, RL 2, RL 5, RI 3, RI 4, RI 7, RI 9, SL 1, SL 2, SL 3, SL 6  
SSS1.2.3, SSS2.2.1, SSS2.2.2, SSS2.2.3, SSS2.2.4, SSS2.2.5, G1.1.2, H3.2.2 // 2-ESS2-2, 2-ETS1-2,  
2-ESS1-1, 2-LS4-1 // RL 1, RL 2, RL 5, RI 3, RI 4, RI 7, RI 9, SL 1, SL 2, SL 3, SL 6  
SSS1.3.2, SSS2.3.2, C3.3.1, G1.1.3, G2.3.1 // 3-ESS2-2, 3-LS3-2, 3-LS4-4, 3-ETS1-1, 3-LS3-1, 3-  
LS4-1 // RL 1, RL 2, RL 5, RI 3, RI 4, RI 7, RI 9, SL 1, SL 2, SL 3, SL 6  
SSS2.4.1, SSS2.4.2, C3.4.1 // 4-ESS2-2, 4-ESS2-1, 4-ESS1-1, 4-ETS1-1 // RL 1, RL 2, RL 5, RI 3, RI  
4, RI 7, RI 9, SL 1, SL 2, SL 3, SL 6  
SSS1.5.3, SSS2.5.1, SSS2.5.2 // 5-ESS2-1, 5-ESS3-1, 5-ETS1-1 // RL 1, RL 2, RL 5, RI 3, RI 4, RI 7,  
RI 9, SL 1, SL 2, SL 3, SL 6