

Lighthouses of the Pacific Northwest

Grade Level: K - 12

Duration: 60-minute session

Available: October – June

Gallery Connection: Lightship Columbia, Mapping Gallery, Shipwrecks

K – 1st

Students utilize basic map reading and cardinal directions to find where lighthouses are in relation to the museum. Students work collaboratively to discuss light signatures and day markers. They are then invited to design their own lighthouse and listen to a read aloud.

Oregon (Social Science // Science // ELA)

K.10, K.12, K.15, K.18 // K.ETS1.3 // K.RL.3, K.RL.6, K.RI.1, K.RI.2, K.RI.10, K.L.1d, K.L.5c, K.SL.1a, K.SL.2, K.SL.3, K.SL.5, K.SL.6

1.1, 1.6, 1.9, 1.18, 1.20 // 1.ETS1.3, 1.PS4.2, 1.PS4.3, 1.PS4.4 // 1.RL.1, K.RL.3, 1.RI.1, 1.RI.2, 1.L.4b, 1.L.5c, 1.SL.1a, 1.SL.2, 1.SL.3, 1.SL.5

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

SSS3.K.1, C3.K.1, E1.K.1, E1.K.2, G2.K.1, G2.K.2, G2.K.3, H1.K.1, H3.K.2, H4.K.1 // K-ESS3-2 // RL 1, RL 3, RL 4, RI 1, RI 2, W 2, SL 2, SL 3, SL 5, L 5c, L 6

SSS1.1.3, SSS2.1.2, SSS3.1.1, C1.1.3, E1.1.2, E1.1.4, G1.1.1, G1.1.2, G1.1.3, G2.1.3, G3.2.3, H3.1.2 // 1-PS4-2, 1-PS4-4 // RL 1, RL 3, RL 4, RI 1, RI 2, RI 4, SL 1, SL 3, SL 5, L 5c, L 6

2nd – 5th

Students will learn about key lighthouses of the Pacific Northwest while looking at a map of the coastline. Students will compare two lighthouses of Oregon and Washington. They will work to research the purpose of a lighthouse, how they operate in daytime and nighttime, and what it was like to live and work at them. Students will then engineer their own miniature model of Cape Disappointment Lighthouse to take home.

Oregon (Social Science // Science // ELA)

2.2, 2.11, 2.14, 2.18, 2.23 // 2.ETS1.3 // 2.RL.1, 2.RL.5, 2.RI.1, 2.L.5a, 2.L.6, 2.SL.1a, 2.SL.1c, 2.SL.2, 2.SL.3

3.1, 3.6, 3.8, 3.9, 3.16, 3.17, 3.19 // none // 3.RL.1, 3.RI.1, 3.RI.7, 3.L.5b, 3.SL.1b, 3.SL.3

4.9, 4.15, 4.19, 4.22 // 4.ESS2.2, 4.ETS1.3, 4.PS4.3 // 4.RL.1, 4.RI.1, 4.RI.7, 4.L.4a, 4.SL.1b

5.9, 5.11, 5.13, 5.24, 5.27 // 5.ETS1.3 // 5.RL.1, 5.L.4a, 5.SL.1c, 5.SL.2

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

SSS1.2.2, SSS1.2.3, SSS2.2.5, SSS3.2.1, SSS3.2.2, SSS4.2.1, C1.2.4, C4.2.2, G1.2.1, G1.2.3, G1.2.4, G1.2.5, G2.2.1, G2.2.5, H1.2.3, H3.2.2 // K-2-ETS1-2 // RL 1, RI 1, RI 3, RI 6, W 2, W 7, SL 2, SL 3, SL 5, L 5a, L 6

SSS1.3.2, SSS2.3.2, SSS3.3.1, C3.3.1, G1.3.1, G2.3.2, H1.3.3, H2.3.2 // 3-ESS3-1 // RL 1, RI 2, RI 3, W 2, W 7, SL 2, SL 3, SL 5, L 5b

SSS1.4.2, SSS2.4.2, C3.4.1, G1.4.1, G2.4.1, G3.4.1, H1.4.2, H2.4.3 // 4-PS4-2, 4-PS4-3 // RL 1, RL 2, RI 2, RI 3, RI 7, W 2, W 7, SL 2, SL 3, SL 5

SSS1.5.3, SSS2.5.4, G1.5.4, G2.5.4, G2.5.5, H1.5.2, H2.5.3 // 3-5-ETS1-3 // RL 7, RI 2, RI 6, W 2, W 7, SL 2, SL 3, SL 5

6th – 12th

Students will research and debate where a lighthouse should be built based on the analysis of a chart. Included in the analysis of the chart are decoding and proper use of the chart. Students will then create poetry to accompany their suggested lighthouse.

Oregon (Social Science // Science // ELA)

6.13, 6.15, 6.16, 6.28 // MS.ETS1.1, MS.ETS1.2, MS.ETS1.3 // 6.W.2d, 6.W.3e, 3.w.7, 6.L.4a, 6.SL.1, 6.SL.1c

7.9, 7.13, 7.14, 7.23, 7.27, 7.30 // MS.ETS1.1, MS.ETS1.2, MS.ETS1.3 // 7.RL.5, 7.W.3, 7.W.7, 7.W.9, 7.L.4a, 7.SL.1, 7.SL.1b

8.13, 8.19, 8.21, 8.33, 8.36 // MS.ETS1.1, MS.ETS1.2, MS.ETS1.3 // 8.W.1a, 8.W.3d, 8.W.7, 8.L.5b, 8.SL.1, 8.SL.1b

HS.39, HS.40, HS.44, HS.46, HS.47, HS.52, HS.53, HS.72, HS.74 // HS.ETS1.2, HS.ETS1.3 // 9-10.W.3d, 9-10.W.7, 9-10.L.4a, 9-10.SL.1b, 11-12.W.3d, 11-12.W.7, 11-12.L.4a, 11-12.SL.1b

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

SSS1.6-8.2, SSS2.6-8.1, SSS2.6-8.2, SSS4.6-8.1, E2.6-8.3, G1.6-8.1, G1.6-8.2, G1.6-8.3, G1.6-8.6, G2.6-8.6, G3.6-8.2, G3.6-8.3, H2.6-8.4, H3.6-8.3, H4.6-8.2, H4.6-8.3 // MS-PS4-3, MS-ESS3-2, MS-ETS1-3 // RI 2, RI 8, W 7, W 8, SL 4, L 5b, RH 7, RST 9, WHST 7, WHST 8, WHST 9

SSS1.9-12.4, SSS2.9-12.1, SSS2.9-12.4, SSS3.9-12.5, SSS3.9-12.6, SSS4.9-12.2, SSS4.9-12.3, G1.9-10.4, G1.11-12.4, G2.9-10.2, G2.11-12.4, G3.11-12.4, H2.9-10.3, H2.11-12.1 // HS-ESS3-1, HS-ETS1-4 // RI 2, SL 4, RH 7, RST 9, WHST 7, WHST 8, WHST 9