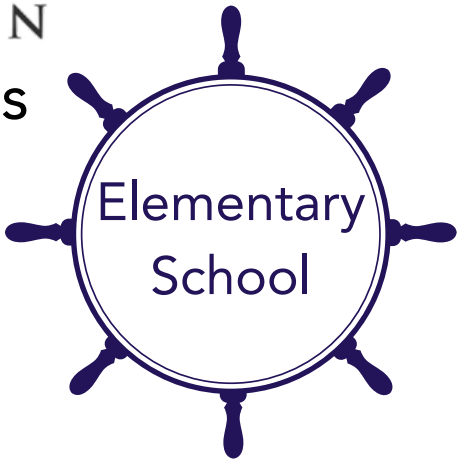
COLUMBIA RIVER
MARITIME MUSEUM
ASTORIA • OREGON

Museum in the Schools



Fog

Grade Level: K – 1st

Duration: 50-minute session

Gallery Connection: Shipwrecks!, Crossing the Bar, Coast Guard Rescue Mission

Career Connection: Climatologist, Meteorologist, Ship Captain, Cartographer, Thermographic Engineer.

Have you ever been in such thick fog that you didn't know where you were? Whether on the road or sailing the open waters, fog has been a difficult navigational challenge throughout history. Students will differentiate fog from clouds, interpret the pros and cons of a foggy climate, and demonstrate how to navigate water in foggy environments.

	Oregon	Washington
Kinder	(ELA) K.RF.1a, K.RF.1b, K.RF.1c (Science) K-LS1-1, K-ESS2-1, K-ESS3-2 (Social Studies) K.G.GR.1, K.G.GR.2 (Math) K.NCC.B.4, K.GM.A, K.GM.B, K.DR.A.1	(NGSS) K-LS1-1, K-ESS2-1, K-ESS3-2 (Social Studies) G1.K.1, G2.K.1, G2.K.2, G2.K.3 (ELA) ELA.K.R.1 a-d, ELA.K.R.2 g, ELA.K.R.3 a-f, ELA.K.R.4 a-f, ELA.K.R.5 a-c, ELA.K.W.5, ELA.K.W.6, ELA.K.SLDF.1 a-f, ELA.K.SLDF.2 a-c, ELA.K.SLDF.4, ELA.K.L.1 a, ELA.K.L.2 a-b, ELA.K.L.3 a-c, ELA.K.RML.1 a-e (Math) M.K.DA.DS.1, M.K.DA.DS.4, M.K.Q.CC.6, M.K.SR.G.2
1st grade	(Social Studies) 1.G.GR.1, 1.G.GR.2, 1.G.MM.4, 1.H.CH.1 (Math) 1.GM.A, 1.GM.B, 1.DR.A.1	(Social Studies) G1.1.1, G1.1.3, G2.1.4 (ELA) ELA.1.R.1 a-d, ELA.1.R.4 a-g, ELA.1.SLDF.1 a-f, ELA.1.L.2 a-c, ELA.1.L.3 a-c, ELA.1.RML.1 a-b (Math) M.1.DA.DS.1

See Page 2 for 2nd - 5th grade standards

COLUMBIA RIVER
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Museum in the Schools

Elementary School

Fog

Grade Level: 2nd – 5th

Duration: 50-minute session

Gallery Connection: Shipwrecks!, Crossing the Bar, Coast Guard Rescue Mission

Career Connection: Climatologist, Meteorologist, Ship Captain, Cartographer, Thermographic Engineer.

Have you ever been in such thick fog that you didn't know where you were? Whether on the road or sailing the open waters, fog has been a difficult navigational challenge throughout history. Students will differentiate fog from clouds, interpret the pros and cons of a foggy climate, and demonstrate how to navigate water in foggy environments.

	Oregon	Washington
2nd grade	(ELA) 2.SL.1c, 2.L.3, 2.SL.1, 2.SL.1a (Science) 2-ESS2-3 (Social Studies) 2.G.GR.1, 2.G.GR.2, 2.G.HE.8 (Math)2.DR.A.1	(NGSS) 2-ESS2-3 (Social Studies) G1.2.3, G2.2.1, G2.2.3, H1.2.3 (ELA) ELA.2.R.4 f, ELA.2.SLDF.1 a-g (Math) M.2.DA.DS.1
3rd grade	(ELA) 3.RL.1, 3.SL.1d, 3.SL.3 (Science) 3-ESS2-1, 3-ESS2-2, 3-PS2-2	(NGSS) 3-ESS2-1, 3-ESS2-2, 3-PS2-2 (Social Studies) G2.3.3 (ELA) ELA.3.R.2, ELA.3.SLDF.1 a-h
4th grade	(Science) 4-PS3-2 (Social Studies) 4.G.HI.6	(NGSS) 4-PS3-2 (Social Studies) G2.4.1 (ELA) ELA.4.SLDF.1 a-e
5th grade	(Science) 5-PS2-1	(NGSS) 5-PS2-1 (ELA) ELA.5.SLDF.1 a-e