

Unit 6.1

Protecting Our Community's Water through Land Use Planning



Students will engage in the physical science, earth science and engineering disciplines by investigating a water-related scenario set in their local community. During the unit, students will come to understand that due to the effects of gravity and thermal energy water particles are continuously cycling from one earth reservoir to another through multiple pathways and changes in state. Students will determine that solutions to issues related to natural and man-made water systems should take into account the scientific phenomenon dictating the water cycle and how human activity affects the pathway water molecules take.

Length: 4-5 weeks

PEs: MS-ESS2-4, MS-PS1-4, MS-ETS1-1, (ETS1.A)

Materials list: download PDF [here](#)