- **Spatial literacy** is the ability to use the properties of space to communicate, reason, and solve problems.

A spatially literate student is one who can:

* have the habit of mind of thinking spatially—they know where, when, how, and why to think spatially.
* practicing spatial thinking in an informed way—they have a broad and deep knowledge of spatial concepts and spatial representations, a command over spatial reasoning using a variety of spatial ways of thinking and acting, have well-developed spatial capabilities for using supporting tools and technologies.
* adopting a critical stance to spatial thinking—they can evaluate the quality of spatial data based on their source, likely accuracy, and reliability; they can use spatial data to construct, articulate, and defend a line of reasoning or point of view in solving problems and answering questions; and they can evaluate the validity of arguments based on spatial information.