

Strand Map Scavenger Hunt

Please form a small group of teachers of the same science subject (Note: Your small group may contain mixed grade levels).

1. Select the strand maps for the subject area you teach. Load either the draft or current strand maps. If you load the draft strand maps then be sure to load both the PreK – 5 and the Middle School/ High School Charts for your subject area. The maps are color-coded as follows:

Life Science – Green
Physical Science – Purple
Earth/Space Science – Blue
Engineering/Technology – Yellow

2. Take a few moments to review the strand maps for your discipline with the members of your group.

3. Working in your small groups, complete the Strand Map Scavenger Hunt chart using the set of strand maps you have selected. Here are your instructions:

A) Find a standard at the grade level you teach that has links (arrows) to standards at two other grade levels. List those standards, and their assigned numbers, on your chart.

B) Find a standard at the grade level you teach that has connections to other science disciplines. List those standards, and their assigned numbers, on your chart.

C) Find a standard at your grade level that has connections to one or more Math or ELA Standards. List those connections to the Common Core on your chart.

Once finished, discuss the following questions as a group at your table. The Reporter for the group will share the key points of your discussion with the whole group.

Discussion questions:

1) What did you learn from your use of the strand maps in this activity?

2) How can you use the strand maps when you plan your instruction?

3) How could you use the connections to the Common Core, shown in the strand maps, as you plan your instruction?

A) Connections among grade levels

Standard You Selected	Grade level	Connection(s) to PreK-5 Standard(s)	Connection(s) to Middle School Standard(s)	Connection(s) to High School Standard(s)

B) Connections among Science Disciplines

Standard You Selected	Grade level	Connection(s) to Standards in another Science Discipline(s)

C) Connections to the Common Core

Standard You Selected	Grade level	Connection(s) to English Language Arts Standards	Connection(s) to Mathematics Standards