

Teacher Guide 2: Reading a Map

1. What type of land do you imagine would be good for farming?

relatively flat, low-lying, with rivers

2. Go to the Shaded Relief Map.

What color are the mountainous areas? red

What color are the low-lying areas? green

3. Circle the area on the Shaded Relief Map you think the most farming would place.

4. Using the Pennsylvania Barn Core map as a reference, roughly trace the Barn Core region onto the Physiographic Provinces of Pennsylvania map.

5. What physiographic provinces make up a majority of the barn core?

Ridge and Valley Province, Piedmont Province

6. Define the following terms:

Piedmont: Geographic region, eastern U.S.

Lying between the [Appalachian Mountains](#) and the Atlantic coastal plain, it is about 600 mi (950 km) long and stretches between the Hudson River and central Alabama. A relatively low, rolling plateau crossed by many rivers, it is a fertile agricultural region.

in geology, landform created at the foot of a mountain (Italian: *ai piede della montagna*) or mountains by debris deposited by shifting streams. Such an alluvial region in a humid climate is known as a **piedmont** for the **Piedmont** district of Italy;

[Taken from the Encyclopaedia Britannica Online.]

Valley:

1 a : an elongate depression of the earth's surface usually between ranges of hills or mountains **b**
: an area drained by a river and its tributaries

an area of lowland between ranges of hills or mountains

[Taken from Merriam-Webster Online Dictionary.]

7. What do these areas making up the Barn Core have in common?

They are relatively flat, low-lying areas with rivers to provide plentiful water for the animals, soil, and crops. Nearby small hills may be used for the banking of the barn.