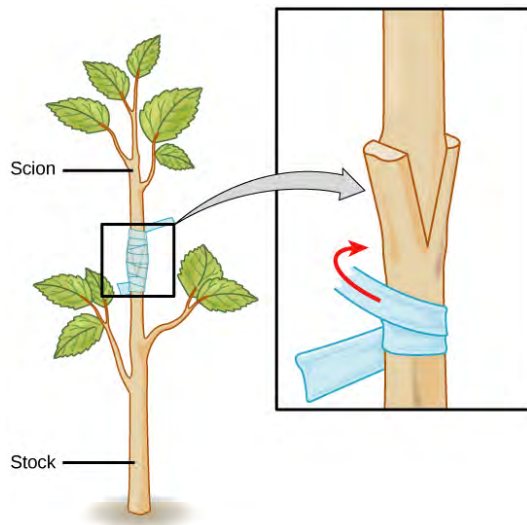


Station 2:
*Why aren't apple
trees grown from seed?*



Grafting

When a shoot or bud of one tree is inserted into or joined to the stem, branch, or root of another tree so that the two grow together.

Apples today are not the same as the native crabapples that grew hundreds of years ago.

Apples have been selectively bred to produce the varieties that we know today. Apple breeders plant apple trees from seed **ONLY** to find and develop new traits.

The apples we eat were grown on farms from trees propagated by grafting.

1

Watch the video,
*"How Does it Grow?
Apples"*



2

Answer the Challenge Questions on your
handout.

3

Find the answer to these questions:

1. Could you use grafting to create 1 apple tree with multiple varieties of apples?
2. Could you use grafting to create 1 tree that has multiple varieties of fruit?