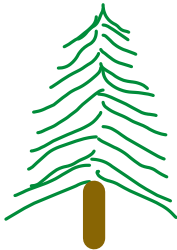
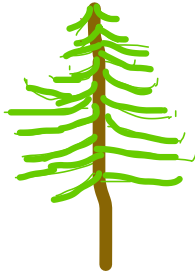
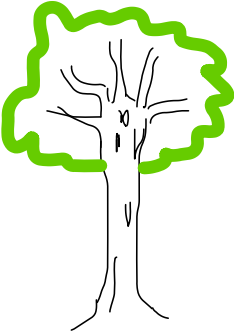


Worksheet (with Answers) for 3 Inside Education Tree Reproduction Videos

Complete the following table after viewing the 3 videos:

	1) White Spruce	2) Lodgepole Pine	3) Trembling Aspen
Type of Reproduction? Sexual, Asexual or Both	Sexual	Sexual	Both
Gymnosperm or Angiosperm?	Gymnosperm	Gymnosperm	Angiosperm
Monoecious or Dioecious Reproduction?	Monoecious	Monoecious	Dioecious
Softwood or Hardwood?	Softwood	Softwood	Hardwood
Deciduous or Coniferous?	Coniferous	Coniferous	Deciduous
Needles or leaves?	Needles	Needles	Leaves
Draw or describe the needles or leaves	Needles attached singly, 2-3cm long, 4-sided in cross-section, stiff, sharp, bluish green	Needles in bundles, 3-8cm long, spirally twisted, bendy, yellow-ish green	Leaves are alternate, simple, oval, 4-6cm wide. Leaves are a deep green when they emerge in the spring and turn yellow in the fall before falling off.
Draw the basic form of the tree			
Description	Thicker crown; wide trunk that is hard to see through the branches and needles; branches are horizontal and can reach the ground; dark bluish-green colour; classic Christmas tree silhouette	Thinner crown (less branches and needles than spruce) and less symmetrical overall; thin, visible and straight trunk; tips of branches resemble candle sticks and point up; branches curve upwards; light green colour	White, smooth bark; light green leaves at the top that turn yellow in the fall; no branches on lower 2/3 of mature trees

Match the following terms with their associated word:

Note: these are general rules. There are exceptions.

