

## TEKS covered in “The ins and outs of Trees”

### STAAR

#### Science:

**5.1 B:** make informed choices in the conservation, disposal, and recycling of materials

**5.2 C:** collect information by detailed observations and accurate measuring;

**5.3 C:** draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works

**5.4 A:** collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums

**5.7 C:** identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels; and

**5.9 B:** describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers

**5.9 D:** identify the significance of the carbon dioxide-oxygen cycle to the survival of plants and animals

**5.10 A:** compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals

#### Math:

**5.10 A:** perform simple conversions within the same measurement system (SI (metric) or customary);

**5.10 C:** select and use appropriate units and formulas to measure length, perimeter, area, and volume

**5.15 A:** explain and record observations using objects, words, pictures, numbers, and technology;