

Notes KEY

Get in Touch with Trees!

Question	Answer
1. What do plants need to grow?	<ul style="list-style-type: none">• Sunlight (energy)• Carbon dioxide• Water• Nutrients
2. How does temperature affect plant growth?	<ul style="list-style-type: none">• Temperature determines how fast photosynthesis occurs.• Temperature determines how much water is available for plants to use for photosynthesis.
3. How does precipitation help plants grow and survive?	<ul style="list-style-type: none">• Photosynthesis – Precipitation influences how much water plants can access and use for photosynthesis and growth to occur.• Heat movement – Plants allow water vapor to exit openings in the leaves, taking heat with it.• Structure – Water held in plant cells gives plant leaves and stems shape and structure.
4. How does light affect plant growth?	<ul style="list-style-type: none">• The amount and intensity of light plants receive determine how much energy is available for photosynthesis.
5. How does soil type affect plant growth?	<ul style="list-style-type: none">• Soil type determines how much water and what types of minerals are available.
6. What is an environment? Are plant growth factors the same in every environment?	<ul style="list-style-type: none">• An environment is the surroundings and conditions in which a plant or animal lives.• Plant growth factors are not the same in every environment.
7. Name at least 2 characteristics of coniferous trees (conifers).	<ul style="list-style-type: none">• Cone-bearing• Narrow, waxy leaves called needles• Needles do not all drop in fall or winter
8. Name at least 2 characteristics of deciduous trees.	<ul style="list-style-type: none">• Broad, flat leaves• Cone-bearing• Leaves change color in fall• Trees lose leaves in fall