

# Keywords: Spring 2

## Science

### Topic Title: Ecology

**Introduction to the topic: We are going to explore how organisms interact with each other and with non-living things in our environment.**

**What lessons will you cover during the topic?**

**Organisation of an ecosystem, biodiversity and ecological threats.**

<b>Keyword</b>	<b>Definition</b>
<b>Abiotic</b>	<b>Non-living elements of an ecosystem, such as climate, temperature, water, and soil type.</b>
<b>Biotic</b>	<b>Living elements of an ecosystem, such as plants and animals.</b>
<b>Ecosystem</b>	<b>The living organism in a particular area, together with non-living components of the environment.</b>
<b>Community</b>	<b>All the organisms that live in a habitat (plants and animals).</b>
<b>Interdependence</b>	<b>Refers to the fact that all organisms that live in an ecosystem depend upon each other, for food, protection, shelter, etc, in order to survive.</b>
<b>Population</b>	<b>All of the members of a single species that live within a geographical area.</b>
<b>Decomposition</b>	<b>The process of breaking down material to release nutrients back into the soil.</b>
<b>Trophic level</b>	<b>The position of an organism in a food chain, food web or pyramid.</b>