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Mushrooms:

- Part of the fungi family. Fungi is the plural form of fungus (a spore producing organism feeding on organic matter such as dead leaves).
- In 2007 the Smithsonian reported that long before trees overtook the land, earth was covered by giant mushrooms 24' tall & 3' wide.
- They don't require sunlight to make energy for themselves, they breathe oxygen, exhale CO₂, and are neither a plant or an animal.
- A fairy ring is a naturally occurring mushroom formation which causes mushrooms to form in an outline of a perfect circle.
- Mushrooms are the flower of the organism, and it only makes up 5% of the organism. **Mycelium is the body of the fungus.**
- They are the only food that produces vitamin D and when lightning is present it makes the mushrooms more plentiful.
- Many fungi are free living in soil or water, others form parasitic or symbiotic relationships with plants & animals.
- The largest organism on the planet is a fungus (*Armillaria Ostoyae*), it covers 2,200 acres of forest in Oregon.
- Contains copper, which is a mineral that is vital to human survival of which we can't produce on our own.
- There is a mushroom that dissolves itself. It is edible but must be consumed within hours of picking.
- A giant *Armillaria balbosa* weighs as much as a blue whale. It all started with 1 spore 1,500 years ago.
- Traditional Chinese medicine has utilized the medicinal properties of mushrooms for centuries.
- Egyptians referred to mushrooms as the plant of immortality and was fed exclusively to royalty.
- Fungus are the most widely distributed organism on earth but they can't make their own food.
- The hardest natural material in nature is sporopollenin (what mushrooms spores are made of).
- Portabella, button, and white mushrooms are the same mushrooms in different maturity.
- Mycelium; body of the fungus, and is more than 80% of the earth under your feet is.
- Nature's natural pesticide. The spores repel more than 200,000 species of insect.
- Death cap mushrooms are one of the deadliest organisms on earth.
- One portabella has more potassium than a banana.