Spring Science: The Season of Rebirth

Spring into Action: Explore the Science of the Season with Nova and Bea!

- **As temperatures rise, many animals emerge from hibernation. This is their body's way of conserving energy during the cold winter months when food is scarce.**
- **Spring is the season of germination. Seeds that have been dormant in the soil begin to sprout as the combination of warmer soil and increased rainfall triggers new growth.**
- **Plants rely on photosynthesis to grow. With longer daylight hours in spring, plants have more opportunity to convert sunlight into the energy they need to produce new leaves and flowers.**
- **Pollination is vital in spring. Bea the honeybee travels from flower to flower, transferring pollen, which allows plants to produce seeds and fruit for the coming year.**
- **Many migratory birds return to the UK in spring to nest. They use the changing day length as a signal that it is time to travel to areas with a better food supply.**

Did you know? Did you know? During the Spring Equinox, the sun is positioned exactly above the Earth's equator. This means that for one day, day and night are almost exactly the same length of time all around the world!

Key vocabulary: Photosynthesis · Germination · Pollination · Equinox · Hibernation · Life cycle