

Nova's Fall Science Discovery

Step into the season of change! Join Nova the owl as we explore the science behind the golden leaves.

- **Deciduous trees shed their leaves to save energy and protect themselves from freezing temperatures during winter.**
- **During the fall equinox, the length of day and night are almost equal all over the world.**
- **Many animals, such as squirrels, spend fall gathering and storing food to survive the scarcity of winter.**
- **Some bird species begin their migration in fall, flying to warmer climates where food is easier to find.**
- **Fall is the prime time for seed dispersal; many plants use the wind or animals to spread their seeds before the frost arrives.**

Did you know? Did you know? As the days get shorter, trees stop producing chlorophyll, which is the green pigment they use to make food from sunlight. Once the green fades away, the hidden yellow, orange, and red pigments are finally revealed, giving fall its famous colors!

Key vocabulary: deciduous · chlorophyll · dormancy · migration · photosynthesis · equinox