



The Cat in the Hat's Fruity Fun

The Cat in the Hat is exploring the fruit of a tree. This is the fourth stage in the life cycle of a plant. Help your child explore the parts of an apple and discover the mystery of growth.

- **Stem:** The stem of the apple attaches to the fruit to the apple tree. Its function is to bring water and nutrients to the apple.
- **Leaves:** The leaves are attached to the stem and use photosynthesis help convert sunlight into water and food. The water is stored in and travels through veins in the leaf.
- **Skin:** The skin is the outside covering of the apple. It protects the flesh and seeds.
- **Flesh:** The flesh is the firm, juicy, edible part of the apple.
- **Core:** The core is the inner "pocket" of apple that contains the seeds.
- **Seeds:** The seeds of the apple are contained inside seed pockets in the core. Their function is to hold the material needed to grow new apple trees (if planted).

What you'll need:

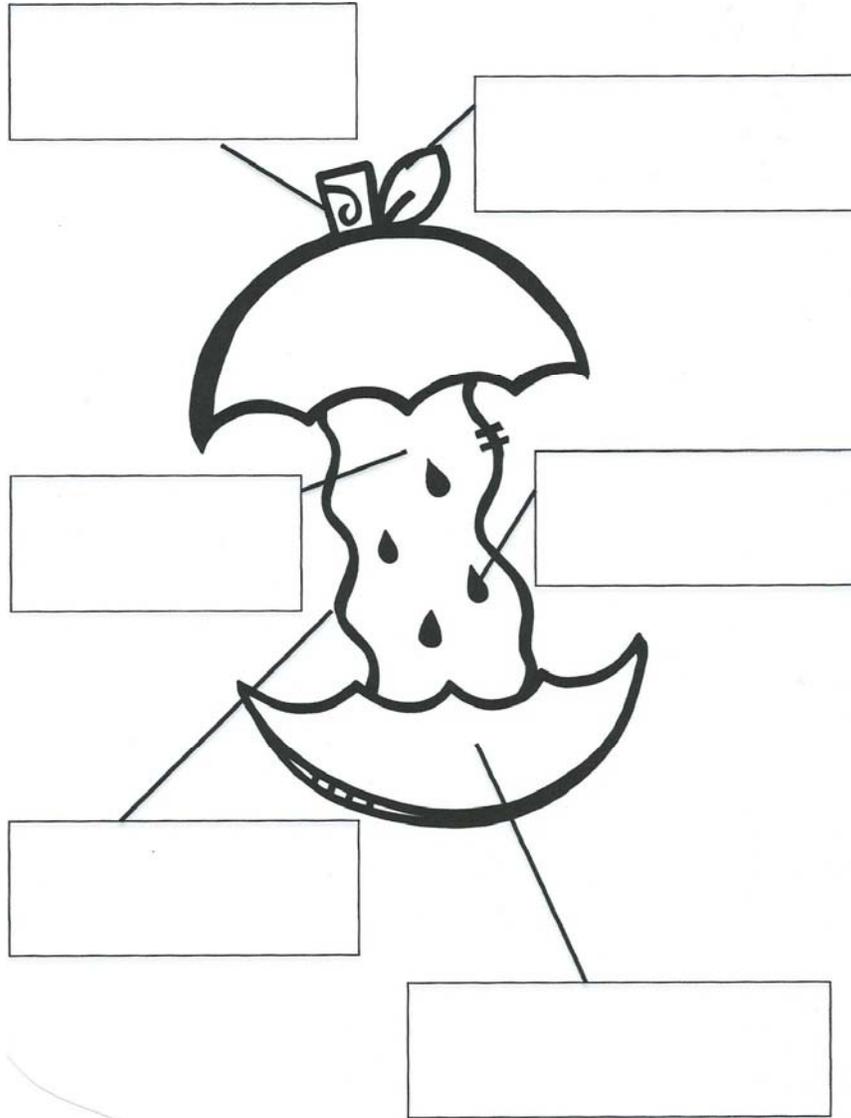
- Apple
- Plastic Knife
- Teacher Knife
- Microscope
- Apple Diagram
- Toothpicks
- Glue Sticks
- Scissors



Activity:

- Allow children to choose an apple. Instruct them to examine the apple closely. Let the child know that the apple actually has six parts. Most apples from the store do not have leaves or stems attached. Children can speculate as to why those are missing.
- Explain to children that there are six parts of an apple. Asks the children what they think the parts are.
- Instruct the parent to assist the child in cutting the apple in half. They have two choices, either long way or across the middle. The child can observe the STAR in the apple if they choose to cut it across the middle.
- Cut the apple in half and allow the child to examine the inside of the apple. Cut a sliver of the apple to observe under the microscope.
- Once the child has examined the apple carefully, help your child cut out the labels and glue on the apple diagram.
- Instruct the child to cut out the flags, fold in the middle and glue a toothpick in the middle to create a flag. Then help your child locate each part on her apple and place a flag.

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Stem

Leaf

Core

Seed

Flesh

Skin

Seed Seed

Flesh Flesh

Stem Stem

Leaf Leaf

Skin Skin

Core Core