







Apple Play-doh Mats-- Piaget Style

Roll about 10 apples from the red play-doh and 10 apples from the green play-doh in different sizes.

Choose two other colors of play-doh and roll 10-20 thin “strips” (like snakes) in different lengths (keep longer rather than shorter).

Ten or More Activities...

- Place _____ (pick a #) red apples and _____ (pick a #) green apples on the tree, *above* the trunk(repeat this using different numbers).--Conservation of Numbers, Classification, Spatial
- Uh-oh, 7 apples fell off the tree and are on the ground, *under* the tree; ask child to tell you how many of each color there are.--Conservation of Numbers, Classification, Spatial
- Fill the basket up with 7 green apples and 3 red apples.--Conservation of Numbers
- Pick 2 green apples and 1 red apple from *inside* the basket and lay them *beside* the basket.--Conservation of Numbers, Spatial
- Line up the apples from smallest to largest in size.--Seriation
- Line up the rolled snakes from longest to shortest--Seriation
- Fill the pie pan or basket with apples asking the child to count them as you fill the container.--Conservation of Numbers
- Create a repeating color pattern with 6 of the apples; let the child continue the repeating pattern with the remaining apples--Seriation
- Weave the different colored rolled strips of play-doh to resemble the lattice work of a pie crust. Help the child weave the strips *under and over* each other *on top* of the pie crust.--Spatial
- Smash 10 of the apples in different colors and etch the numbers 1-10 onto them. Ask the child to give you the # _____ apple. Continue until all are gone.--Conservation of Numbers
- Ask the child to line up the numbers in various ways....1-10, 10-1, even, odd, etc. -- Conservation of Numbers, Seriation
- Ask the child to sort the smashed apples by color and then count the number of apples in each group.--Classification, Conservation of Numbers
- Perform the “conservation of mass” experiment with the child using two apples that are approximately the same size to determine if the child has grasped this concept. Show them as apple balls...same size? Roll one into long snake strip and ask if they are the same size or if one is bigger. If they say yes, they understand the concept. If they say no the snake shape is bigger, they do not. Roll the snake back into a ball and ask the original question...same size? --Conservation of Mass

