

Lesson Title:	Duplication
Grade(s):	K
Appropriate Science Areas:	Life, Environmental
Science Concept(s):	Differences and similarities in nature.
Lesson Objective:	Students will learn about similarities and differences in nature.
Georgia QCC Standards:	<p>Kindergarten:</p> <ul style="list-style-type: none"> • Science Inquiry, Process Skills and Problem Solving: Asks questions, makes and keeps simple records of observations, sorts objects, communicates with others, and makes predictions and uses estimation and measurement. • Activities/Tools: Actively engages in the learning process via hands-on/minds-on science activities. Uses appropriate tools to collect and analyze data and solve problems.
Background:	Although many similar items in nature can be found, no two are exactly alike. For example, two forked sticks may look very similar, but are not going to be exact copies.
Materials:	<ul style="list-style-type: none"> • Two Large bandanas • A collection of non-living nature items collected from the area the activity will take place in.
Preparation Time:	Time to collect materials.
Teaching Time:	10 minutes
Procedures:	<p>On a bandana, arrange your collected items and cover them with the other bandana. Tell the group, "Under this bandana are a number of natural objects that you will be able to find nearby. I will lift up the bandanna for 20 seconds so you can get a good look. Try to remember everything that you see." Send them out to find identical items after you again cover the items. After a few minutes of searching, call them back together. Hold up items from the original pile one at a time and say, "Who has found an exact match for this?" Compare their objects with the ones you had set out. Have students point out differences and similarities.</p> <p>Wrap up with a discussion on how things in nature can be similar, but not exact replicas.</p>
Helpful Hints:	

**Related
Activities:**

This activity can be a good warm-up activity, especially if the following lesson involves observation.