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| **Microteach Lesson Plan** |

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| **Teacher Name** | **Andrea Ziel** | **Date** | **June 11, 2012** |
| **Subject Area** | **Math** | **Grade** | **Kindergarten** |
| **Topic** | **Patterns** | **Time** | **10:45** |

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| **General Learner Outcome(s)***Taken from Alberta Program of Studies* | Use Patterns to describe the world and to solve problems |
| **Specific Learner Outcome(s)***Taken from Alberta Program of Studies* | Demonstrate an understanding of repeating patterns (two or three elements) by: identifying, reproducing, extending and creating patterns using manipulatives, sounds and actions |
| **Learning Objectives***What do you want your students to learn?* | Students will:* Demonstrate a repeating pattern using manipulatives, sounds and actions
* ABAB, ABBABB, AABBAA, ABCABC
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| **Assessment***How will you know your students have learned?* | * Students will complete activity where they cut and paste insects in one of the patter formations
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| **Materials***What resources will you need?* | * Construction paper
* Scissors
* Crayons
* Glue sticks
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| **Introduction****2 min** | * Attention clap
* Did you know you just repeated a pattern
* Clap again
* Today were going to learn about patterns. What they are and how to make and recognize one
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| **Body****11 min****5 min talk****6 min craft** | * Check out this pattern ABAB… what comes next?
* What is a pattern? Something that repeats over and over again
* Colors, shapes, sizes, sounds and movement
* Something is not a pattern if it does not repeat
* How can we make one? Start with one butterfly and one bee, this is called a unit, repeat the unit over and over to make a pattern 2 examples of units
* Look for the unit that repeats, what should come next?
* What is missing?
* Now that you know about pattern I want you to make a bug pattern and glue it onto the paper
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| **Closure****7 min** | * Come back to carpet but sit in a pattern; boy, girl, boy, girl
* Have students come up and make a pattern with their bodies. I.e. clapping, jumping, or arm raising; other student will describe their pattern another way
* Good work today, patterns are all over so keep your eyes and ears open.
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