**Math connections micro lesson plan: Math/Nature lesson option**

Grade:

Math content topic:

Most relevant standard(s):

Nature connection (what natural material or idea will you use):

Why did you choose this activity? (Is there a math-related reason why you like the activity? Is there a nature connection you particularly like in this activity?)

Describe your plan (what will children do in this activity? How will you introduce the activity?):

How do you know the math topic and questions you have chosen are appropriate for this class? (not too easy and not too hard)?

Nature connection: How does this activity help children see math in the world around them? How does this activity help children appreciate and enjoy the world around them?

Planning for observation and formative assessment. What sorts of academic (math and nature) thinking do you think children will use during the activity? How can you track children’s involvement and understanding?

Who and how long? Will you read the book with the entire class or with just a small group? Will you be able to read the book with more than one small group? How long do you plan for this micro-lesson to take? (Note: ideally, you would be doing this with 2 or more small groups. After you teach the lesson (the first time), reflect on how it went and what could be improved):

**Math talk micro lesson reflection** (turn in within a week after teaching the micro-lesson)

Grade level:

How many students participated in this micro lesson?

What did you learn about children’s understanding from listening to the children’s responses?

What worked well in this lesson?

If you did this lesson with more than one group, what, if anything did you change between the groups? Why did you make that change?

If you taught this lesson to only one group, what could you change if you were teaching the lesson again to improve it?