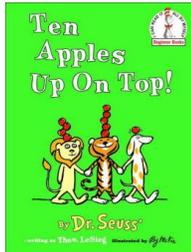


# ECE... FALL Science and Literacy Focus: It's Time to Rhyme!

Fall Focus:

## Apples!



<https://www.youtube.com/watch?v=AODjD7wTu2c>  
Read Aloud Version of Story

<https://youtu.be/OB-5s02AsUU>

Song version

 **Snack Math Idea:**

Slice up 5 different kinds of apples. Have students taste test each one and use an anchor chart to chart their descriptors.

Create a survey form in Google and load onto the computers. Have students select which apple they liked best and then graph the results on an anchor chart. You can also use different colored post-it notes to represent the different types of apples and then graph the post-it notes on chart paper.

Other Rhyming Books that focus on Apples:

(PreK)

<https://www.youtube.com/watch?v=fk mFHRrkFuQ>

(Great information and rhyme K-2)

<https://youtu.be/4eJiAghjYQ8>

Other Apple Project Ideas:

<http://ecrp.uiuc.edu/v4n2/danyi.html>



**Bubble Wrap Hop:**

wonder what you can do with Bubble Wrap?

Cut out squares of bubble wrap and use masking tape to tape to the floor. Read Ten Apples on Top and ask the kids to hop on a bubble sheet when they hear rhyming words. You can write letter sounds on index cards next to the bubble wrap if you want. Good way to get some exercise when listening to rhyming sounds!



**Engineering with Apples**

Put students in teams of 3-4 and hand them a ziplock bag of building materials. Ask students to use the design process (draw and plan first) to build a structure at least one yard (Or a different measurement) tall that could balance and hold at least one apple "up on top." Differentiate by assigning 2 apples for another group, plastic apples for another group, etc. Have students share their design and final structure with the class.



**Oxidation Experiment**

The following experiment took place after the children had apple slices for a snack. The apple slices turned brown. The children decided to do an experiment to find out if they could stop an apple from turning brown. We found an oxidation experiment that involved using water, grape juice (we substituted berry juice), and lemon juice. The children predicted which liquid they thought would stop the apple from turning brown: Next, the children dipped a different apple slice in each of the three liquids. The children did nothing to one apple slice. The children let the apple slices sit for 30 minutes and then compared the slices. Draw results.



Additional Integration Ideas:



Thinking Map Advanced Organizer to Use:

### Circle Map

(Used to brainstorm or to define within context)



**Extension:** Use the word "pie" to brainstorm a list of words that rhyme with pie or select a word that the students came up with and create a rhyming list of those words.



**Literacy Activity: Predicting**

**APPLE GRAVITY EXPERIMENT:**

**Materials:**

~Small and large apples different colors  
~Plastic rain gutter pieces

Predict which apples will roll the fastest, slowest. Change the angle of rain gutter and keep predicting!

Ask, "Does color matter?"  
Weight? Slope? Etc...

