**2ND grade/3rd grade**

 Math Unit 5/Math unit 5

Exploring standard units of length/Understanding fractions

Theme: Binary Form with Dance

**Math /ELA**  **Music**

  Represent & interpret data Steady beat/rhythm, binary form

3. Draw a scaled picture graph to represent data w/several movement, singing, & notes

categories. Solve one and two step how many more or less problems

using the information

1. Generate measurement data by using rulers marked w/halves & ¼ of an inch

 Geometry-reason w/shapes & their attributes

1. Partition circles and rectangles into two three or four equal shares
2. Recognize and draw shapes having specified attributes(form-blocks)
3. Partition shapes into parts with equal areas. Express area of each part as a unit fraction

of the whole.(3rd)

Key Ideas and details

1. Q & A key details of text

**Common Core and Readiness:**

 MD.3.B.3/MD.3.B.4/G.2/3.A.1/G.2.A.3/G.3.A.2/RL.2/3.1

**Music Objectives:**

 S1.C2.PO1/S1.C1.PO2/S2.C1.PO1/S3.C1.PO3(2/3)

Length/Fractions “Pick a Pumpkin”

Vocabulary: Vocabulary word for lesson: **Binary Form-** The way music is written. Two different music parts

**Objective** I can demonstrate a dance to “Pick a Pumpkin” to show understanding of binary form.

1. Tell kids what binary form is and demonstrate-Q&A IS this form? Pair Share
2. Listen to “Pick a pumpkin” 2nd grade book- page 260 cd 5:24-“Pick a Pumpkin” what part is different? Raise hand when you hear the different part(AB) binary form. Need to show on board and do w/students. What is the measurement (length) of each part?
3. Review parts for dance-circle for AB Part A= 8 counts(left & right) Part B link arms for 8 counts. When no movement have students clap for 8 counts
4. Closure: **Lap boards**- Have students draw w/shapes binary form- What length/fraction of blocks are A & what length/fraction of blocks are the B part. Are the shapes different for part B or the same why?