

Pre-K 2020 Unit #8: Mathematics - Nature All Around Us (PK)

Content Area: **Mathematics**
Course(s): **Pre K**
Time Period: **Marking Period 4**
Length: **4 weeks**
Status: **Published**

Established Goals/Standards

Please choose the appropriate Goals/Standards from the Standards tab above.

MA.PK.4.1.5.b	separating ("I have four carrot sticks. I'm eating one! Now I have 3!").
MA.PK.4.2.1	Use and respond to positional words (e.g., in, under, between, down).
MA.PK.4.2.1.b	taking apart and taking from ("I have four carrot sticks. I'm eating one. Now I have 3.").
MA.PK.4.2.8	Compare and order objects according to measurable attributes (e.g., length, weight).
MA.PK.4.3.1	Describe patterns in the environment.
MA.PK.4.3.2	Represent patterns in a variety of ways.
MA.PK.4.3.3	Compare (e.g., which container holds more) and order (e.g., shortest to longest) up to 5 objects according to measurable attributes.
MA.PK.4.3.3	Begin to represent data in pictures and drawings.
MA.PK.4.3.4	Show awareness of the attributes of objects through sorting, ordering, and classifying.
MA.PK.4.4	Children develop spatial and geometric sense.
MA.PK.4.4.1	Respond to and use positional words (e.g., in, under, between, down, behind).

Essential Questions

Please add your Essential Questions by clicking on the Lists tab above.

- Can a pattern have more than two things? More than three things?
- How can you compare the weight of two objects?
- What does position mean?
- What happens when we take objects away from a group?

Enduring Understanding

Please add your Enduring Understandings by clicking on the Lists tab above.

- A pattern can have more than two or things things.
- The position of an object is where it is located
- The weight of two objects are measured by a balance scale
- When we take objects away from a group, the group becomes smaller

Content

Students will be able to

- Compare lengths
- Learn time order
- Count items
- Explore addition
- Explore the concept of counting
- Sort and describe objects
- Use ordinal numbers
- Problem solve
- Count to 10
- Name shapes
- Create shapes
- Discover shapes in the real world
- Identify shape attributes
- Understand graphs
- Describe temperature
- Measure length
- Create patterns
- Recognize patterns
- Use time

Vocabulary

- Add
- Count
- Flip
- Sphere
- Rhombus
- Slide
- Turn
- Measure
- Temperature
- Thermometer
- Pattern
- Repeat

Resources

Please add your Resources by clicking on the Lists tab above.

- Manipulatives
- Math Mat 29

- Math Mat 29
- Math Mat 30
- Math Mat 31
- Math Mat 32
- Science Poster 15
- We're Going on a Lion Hunt by David Axtell