

Kindergarten Unpacked Math Standards – Algebra

K.A.2.1. Students are able to **compare** collections of objects to **determine** more, less, and equal (greater than and less than).

Webb Level: 2

Bloom: Comprehension

Verbs Defined:

Compare: alike or different in number.

Determine: tell or show

Key terms defined:

Teacher Speak:

Students are able to compare (alike or different in number) collections of objects to determine (tell or show) more, less, and equal (greater than and less than).

Student Speak:

I can:

- Tell or show (determine) which group of things contains more objects.
- Tell or show (determine) which group of things contains fewer objects.
- Tell or show (determine) when two groups have the same number of objects.
- I say, “greater than” to tell which group has more objects.
“7 marbles is greater than 4 marbles.”
- I say, “less than” to tell which group has fewer objects.
“4 marbles is less than 7 marbles.”
- I say “equal to” when two groups contain the same number of objects.
“7 marbles is equal to 7 marbles”

K.A.3.1. Students are able to use concrete objects to **model** the meaning of the “+” and “-” symbols.

Webb Level: 2

Bloom: Knowledge

Verbs Defined:

Model : demonstrate by acting out

Key terms defined:

Teacher Speak:

Students are able to use concrete objects to model (demonstrate by acting out) the meaning of the “+” and “-” symbols.

Student Speak:

I can:

- Show (model) that “+” means to put things together by moving objects into one group.
- Show (model) that “-“ means to take things away by removing objects from my starting group.

K.A.4.1. Students are able to **identify** and **extend** two-part repeating patterns using concrete objects.

Webb Level: 1

Bloom: Knowledge

Verbs Defined:

Identify and extend: recognize and continue

Key terms defined:

two-part repeating pattern : for example, red-yellow-red-yellow... or square, triangle, square, triangle...

Teacher Speak:

Students are able to identify and extend (recognize and continue) two-part repeating patterns using concrete objects.

Student Speak:

I can continue a pattern using objects.

K.A.4.2. Students are able to **sort and classify** objects according to one attribute.

Webb Level: 1/2

Bloom: Comprehension

Verbs Defined:

Sort and classify: separate into groups with like characteristics.

Key terms defined:

Attribute: characteristic (color, shape, size, number)

Teacher Speak:

Students are able to sort and classify (separate into groups with like characteristics.) objects according to one attribute.

Student Speak:

I can

- sort things into piles by color.
- sort things into piles by shape.
- sort things into piles by size.
- sort things into piles by number
- sort things into piles in ways I choose and explain why.

Working Document