

In the following lesson, students shall demonstrate the ability to categorize, classify, and record information by gathering information from direct observation, record the gathered information, and display the gathered information. Students will learn how to complete a bar graph using colors and numbers. This is a fun activity using information from every student in the class.

Lesson: Graphing

Grade: second

Concept to be taught: The ability to gather and graph information

Objective:

1. Students will learn how to complete a bar graph by color and number

Materials needed:

1. The bar graph (already made)
2. Yellow, brown, black, and red crayons
3. Song "We're all going to get to graph"

Procedures:

(Song is optional)

1. Start off by humming the tone to the song, and ask the kids if they would like to learn a new song
2. When the children say "yes" teach them the first verse to the song
3. After they get that verse ask the children if they know what we are going to be doing
4. When they answer that they are going to graph have all the children figure out what color their hair is
5. Next have all the children with blonde hair stand up
6. Have all the children write down (on a scratch piece of paper) the number of blonde headed children there are
7. Teach them the next two verses to the song
8. Then have the students write down the number of red heads
9. Repeat steps 6-8 (with the other two hair colors)
10. Once the students have all the hair colors counted and written down, hand out the bar graph
11. Then, Teach the children verse six and seven
12. After they understand that colors goes across and the numbers goes up, Have the children take their colored pencils and color in the number of people with the certain hair color
13. When they are done with that have the children sing the whole song
14. Then ask' the children if they would like to do this again sometime
15. Finally have the children put away their colored pencils and go on to the next lesson

[the song and doing the activity the children will be able to gather 1 graph by color and number.

The Tune of "A Frog Went A-Courtin'" (Page 32 in Wee Sing Fun 'N' Folk)

We're all going to get to graph, M-hm, M-hm

We're all going get to graph,

And we'll have some fun and laugh, M-hm, M-hm

First lets count all the blonde hair, M-hm, M-hm **First lets count** all the blonde hair, **Don't worry it'll** all be fair, M-hm, M-hm

Next **lets count** all the red heads, M-hm, M-hm

Me«t lets count all the red heads,

Yes, you heard what I said, M-hm, M-hm

Raise your hand if your hair's black, M-hm, M-hm **Raise** your hand if your hair's black, How long is it down your back, M-hm, M-hm

All you left now don't you frown, M-hm, M-hm

All you left now don't you frown,

The next color to count is brown, M-hm, M-hm

Color's across and numbers up, M-hm, M-hm

Color's across and numbers up,'

The best graph will win a cup, M-hm, M-hm

Now let's put them in the graph, M-hm, M-hm

Now let's put them in the graph,

See I told you we'd all laugh, M-hm, M-hm