

Learning Activity for Action Fraction 2nd Grade

Objective: The students will be able to show halves, thirds, and fourths using pattern blocks.

Materials: pattern blocks

Action Fraction

Everybody's doin' the Action Fraction
Gettin' mathematical satisfaction
Dancin' a radical new sensation
Sweepin' it's way across the nation

Reach up high as you can go
Bend down low and touch your toes
Lift your hands half way up
Mark the middle with a clap, clap, clap

Reach up high as you can go
Bend down low and touch your toes
Lift your hands one fourth the way
Snap your fingers, step and sway

Reach up high as you can go
Bend down low and touch your toes
Lift your hands three fourths the way
Jiggle and shake them any old way

Turn one third and wave your hand

Turn another third and wave once more
Turn another third and you're right back home
Ready to what you did before

Reach up high ... bend down low ...
Lift your hands half way and clap

Reach up high ... bend down low ...
Lift your hands one fourth and snap

Reach up high ... bend down low...
Lift your hands three fourths and shake

Turn one third ... turn another third
Turn another third and you're right back home
Ready to what you did before

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Procedure:

- 1) Play the song. Teacher will demonstrate the motions for the song.
- 2) Discuss the fractions in the song. The movements in the song deal with part of the whole distance.
- 3) Discuss fractions as equal parts of a whole and equal parts of a given set. Give students pattern blocks and ask the students to make as many shapes as they can that have 2 equal parts. Students will share, draw and label their results.
- 4) Students will make as many shapes as they can with 3 and 4 equal parts repeating the above process.

Evaluation: Teacher observation. Students will draw and label their favorite shape to display in class to show halves, thirds or fourths to demonstrate a basic understanding of equal parts.
Extension: Make shapes with a larger number of equal parts to display.