

GRADE LEVEL EXPECTATION: 3-5

CLIMB A 14ER

CONTENT AREA: MATHEMATICS

LESSON TIME:

1 class period,
then time each
day for the
assigned period

MATERIALS:

1. Flat 14ers
2. Classroom Progress Log
3. Individual Progress Log
4. Flat 14ers Activity Conversion Chart

TAKE HOME:

Flat 14ers
Individual
(to track individual
steps to add to the
Classroom chart)

OBJECTIVE: To help students track their activity levels (and encourage more) using Colorado's 14ers to chart progress.

3RD GRADE STANDARDS:

1. The whole number system describes place value relationships and forms the foundation for efficient algorithms.

2. Data Analysis, Statistics and Probability

1. Visual displays are used to describe data

4TH GRADE STANDARDS:

2. Data Analysis, Statistics and Probability

1. Visual displays are used to represent data

5TH GRADE STANDARDS:

2. Data Analysis, Statistics and Probability

1. Visual displays are used to interpret data

Background:

The virtual trails are representations of Colorado's majestic peaks and reflect actual steps necessary to climb from the trailhead to the summit and back down to the trailhead. The student activity information can be charted on the Classroom forms or online and as they accumulate steps their progress captured in the "climbing of 14ers."

Flat 14ers Part 1 requires an average daily count of 10,940 steps over 42 days, totaling 459,500 steps or 229.75 miles. Part 1 covers 14ers in the Sawatch, Elk, Tenmile and Mosquito Ranges.

Flat 14ers Part 2 requires an average daily count of 14,321 steps over 42 days, totaling 601,500 steps or 300.75 miles. Part 2 covers 14ers in the San Juan, Sangre de Cristo and Front Ranges.

The Flat 14ers virtual trails are only available to registered America On the Move website users. Once you log in to the site, click the 'trail' tab on your user profile. You can select from either Part 1 or Part 2. Each time you log step or activities, you can see your progress on your trail tab and learn about the history and wildlife associated with each Colorado 14er.

For more information and to register, log on to:

https://aom3.americaonthemove.org/~link.aspx?_id=06CE98903C674EE891F0F9B7D99C7F00&_z=z