

Name/Title: 100th Day Moving Math

Academic content: Math

Purpose of Event: Students will do a fun math activity with movement to celebrate 100th day in physical education class.

Prerequisites: Student should know how to perform the various fitness activities that the teacher selects. Students should know how to add various numbers to equal 100.

Suggested Grade Level: 3-5

Materials Needed: A whiteboard or poster to write the exercises, paper and pencils for the groups of students, CD player and music.

Physical activity: Fitness

Description of Idea

Write "Happy 100th Day" on the whiteboard. Underneath, write 13 fitness activities (or any random number that cannot be evenly divided into 100.) Some examples are: ski jumps, crab kicks, running steps in place, crunches, reverse push-ups, etc.

Write the following rules:

1. The challenge is to do at least one repetition of each exercise so that the grand total equals 100.
2. All team members must do all of the exercises together at the same time and count.
3. You must show your work (the addition problem on your paper.)
4. You may abbreviate the names of the exercises such as s.j. for ski jumps.
5. When you are finished with the exercises your team must also write one fact you have learned in the last 100 days in physical education class and hand your paper to the teacher.

Divide the class into groups, approximately 3 students per group. Give the students 2-3 minutes to strategize or brainstorm how they will reach the total of 100. Encourage them to listen to everyone's ideas. When everyone is ready to start, play some music. As groups finish, have another activity for them to do, such as jump rope skills. That way everyone stays active until the whole class gets done.

Assessment Ideas:

After all of the groups are finished, have the whole class sit down and talk about their strategies. It is quite interesting to hear how they decided to have their sum equal 100. After hearing the others' strategies, ask if any of them would change their strategy and why.

Adaptations for Students with Disabilities:

The teacher could change the exercises to meet the needs of those students with disabilities. For example, a student in a wheelchair could possibly do arm circles. If a student had a learning disability the teacher could make sure he/she is put with a group of students who are able to do the math. A student could do 10 exercises, 10 of each, and count out loud with the teacher.

Submitted by **Bonnie Rodgers** who teaches at Crestview Elementary in Carlisle, PA. Thanks for contributing to PE Central! **Posted on PEC: 2/27/2012.**

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