

# Nintendo DS Pictochat Math Lesson Plan

**Content Area:** Math

**Grade Levels:** All

**Features and Materials:** Nintendo DS and Pictochat

**ISTE Standards:** Communication and Collaboration (2b), Research and Information Fluency (3b)

**21st Century Skills:** Critical thinking, communication, and collaboration

## Activity Overview

In this activity, students will work collaboratively in groups to solve math problems. Students will share answers electronically with the teacher.

## Procedure

1. Create at least four workstations. Take a math worksheet that has several problems on it, and divide the worksheet into the same number of parts that you have created workstations for. Post the divided questions at each workstation. Divide students into four cooperative groups.
2. Give each group a Nintendo DS, and assign each group one of the four Pictochat rooms (A, B, C or D). Tell students that they have to whisper to each other while at each station and that they cannot communicate verbally with the teacher. All communication to the teacher has to be through Pictochat. Ask students to start at a station and begin to work out the problems. When the group has an answer to a problem, ask them to write the number of the problem and the answer to the problem in the Pictochat field, then enter "Send."
3. Open each Pictochat room periodically throughout the activity to check the groups' answers. Let the groups know if the answer is correct or not by writing "correct" or "try again" in the Pictochat field, then hit "Send" to send the response back to the group. You can also coach them by writing help hints and sending them to the group.
4. Rotate students after an appropriate amount of time.
5. Use the transcript of the answers to assess each group.

## Extension

1. Give written feedback via the Pictochat as groups are working.
2. Use the Pictochat function with individual students in a small group of four.