

# Equation Search

Any Grade Level

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## Student Learning Outcomes/Objectives:

- Locate index cards with math problems from around the room
- Solve word problems and equations of varying content
- Show their work for how they got their answers

## Materials:

- Index Cards
- Tape
- Paper
- Pencils

## Activities:

### Direct instruction/ Intro. To new material “I Do”:

- “Hide” index cards around the room with different types of math problems on them (that’s what the tape is for)
  - These can be word problems or equations
  - Examples: Fractions, decimals, multiplication problems, etc.
    - Come up with problems for your student’s grade level or unit they are working on
  - Resources for problems
    - <https://www.prodigygame.com/blog/math-word-problems/>
    - <http://www.math.com/students/practice.html>
- Make sure index cards are listed someway (1-15) or (A-F) so that students know when they have found all of the cards

### **Guided Practice “We Do”:**

- Assist students when they have questions or can't find an index card

### **Independent Practice “You Do”:**

- Students will go around the room searching for the index cards
- They will write their answers on a separate sheet of paper
  - Make sure they show their work!
  - Write which answer goes with which problem

### **Closing:**

- Go over each problem after all students have found all of them, or you get close to running out of time

### **Troubleshooting (what kinds of things might go wrong and how can you prepare for these contingencies in advance?):**

- If a student refuses to do the work, have the questions on paper and have them sit down and answer them