

# Measurement Madness

**Players:** 3 players

**Materials:** Game board, Measurement Madness Cards, Answer Key, Number Cube, Playing Pieces (use small items from the classroom—counters, buttons, etc...)

## **Directions:**

1. Shuffle cards and lay them in a stack near the game board.
2. Each of the three players rolls the number cube. The player with the highest roll is the “judge”. This player will check all answers during game one and will play the winner of game one in the second game. Player with the second highest roll goes first.

## **To Play:**

1. Roll the number cube and draw measurement madness card.
  - ♥ If the player can correctly answer the question he/she can move his/her playing piece the number of spaces shown on the number cube.
  - ♥ If he/she cannot correctly answer the question, he/she cannot move and it is the next player’s turn.
  - ♥ If the player lands on a space with words, he/she follows the direction on the space.
  - ♥ **NOTE:** The pictures on the game board are for decoration only. Nothing special happens when landing on these.
2. The “judge” will check all players’ answers using the Answer Key to determine if correct answers are given.
3. The first player to reach the FINISH square on the game board is the winner!

# Measurement Madness Playing Cards

Teacher note: You may wish to print cards on cardstock and/or laminate for durability. The questions are written at varying levels from Bloom's Taxonomy.

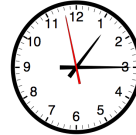
## Question 1

You want to see how much time it takes for you to do thirty jumping jacks. What measurement tool should you use?

- a. ruler
- b. stopwatch
- c. balance
- d. measuring cup

## Question 2

What tool is this?



- a. clock
- b. measuring cup
- c. hand lens
- d. thermometer

## Question 3

What tool is this?



- a. balance
- b. measuring cup
- c. hand lens
- d. computer

## Question 4

This tool has a fulcrum and is used to measure the mass of an object.

What is it?

- a. computer
- b. balance
- c. hand lens
- d. ruler

## Question 5

What tool is this?



- a. stopwatch
- b. computer
- c. hand lens
- d. thermometer

## Question 6

You want to get a closer look at a rock you found. What tool should you use?

- a. hand lens
- b. measuring cup
- c. ruler
- d. thermometer

**Question 7**

You can hold this tool in your hand and when you look through it, it makes object look bigger.

What tool is it?

- a. clock
- b. ruler
- c. computer
- d. hand lens

**Question 8**

You want to write a report about rocks. Your report will need to have a chart in it. What tool should you use?

- a. clock
- b. ruler
- c. computer
- d. hand lens

**Question 9**

What tool is this?



- a. clock
- b. stopwatch
- c. computer
- d. measuring cup

**Question 10**

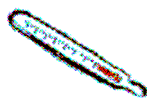
You use this tool to measure how hot or cold something is.

What tool is it?

- a. hand lens
- b. thermometer
- c. computer
- d. measuring cup

**Question 11**

What tool is this?



- a. clock
- b. ruler
- c. computer
- d. thermometer

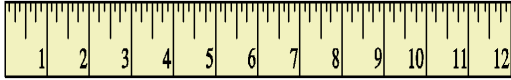
**Question 12**

This is an electronic tool that helps us in many ways. It helps us make charts, find information, and communicate ideas. What tool is it?

- a. hand lens
- b. thermometer
- c. computer
- d. measuring cup

**Question 13**

What tool is this?



- a. ruler
- b. measuring cup
- c. computer
- d. balance

**Question 14**

You need  $\frac{1}{2}$  a cup of water for a science experiment. What tool should you use?

- a. balance
- b. ruler
- c. computer
- d. measuring cup

**Question 15**

You are trying to decide if you should wear a jacket when you go outside to play. What tool should you use?

- a. hand lens
- b. thermometer
- c. balance
- d. ruler

**Question 16**

You want to find out which has more mass a crayon or a marker. Which should you use?

- a. balance
- b. hand lens
- c. ruler
- d. measuring cup

**Question 17**

What tool is this?



- a. stopwatch
- b. balance
- c. computer
- d. clock

**Question 18**

What tool is this?



- a. stopwatch
- b. measuring cup
- c. hand lens
- d. clock

**Question 19**

You need to know what time you started a science experiment. What tool should you use?

- a. balance
- b. clock
- c. computer
- d. measuring cup

**Question 20**

You want to record how far you jumped. What tool should you use?

- a. balance
- b. hand lens
- c. ruler
- d. measuring cup

**Answer Key:  
Measurement Madness**

Question	Answer
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