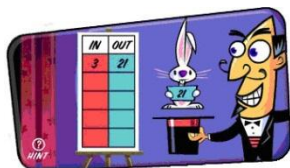# enVisionMath Games

These games can be found in Pisd Apps > Math folder. (after installing from the App Depot)
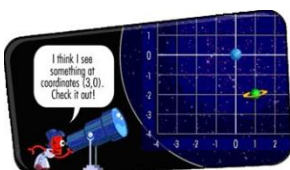
Abra-ca-rabbits

A number enters a hat and a different number comes out!" Guess the trick the magician uses to transform numbers. Does he add, subtract, multiply, or divide?

Skills:

- Recognize nmber patterns.
- Make generalizations and predictions.
- Use input and output tables to show algebraic relationships.
- Use variables to state rules.

Levels:

- Easy – Add and Subtract
- Medium – Add, Subtract, and Multiply
- Sorta Hard – Add, Subtract, Multiply and Divide

Bubble Telescope

Ursula Minor is searching the skies with her powerful Bubble telescope. Plot the coordinates she provides to discover mysteries of space. If you're lucky, you might spot the horseshoe nebula!

Skills:

- Locate points on a coordinate grid.
- Graph ordered pairs in one or four quadrants.

Levels:

- Easy – (Letter, Number)
- Medium – (Number, Number)
- Hard – (Positive and Negative Numbers)

Chicken Corral

Down at the chicken corral, the chicks are hatching faster than the farmer can fence them in! Help the farmer keep his chicks from wandering off by building new coops. Then, calculate how many chicks fit into each coop.

Skills:

- Learn different quadrilaterals.
- Calculate perimeter.
- Estimate and calculate area of squares, rectangles, and irregular figures.

Levels:
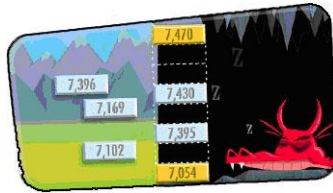
- Square
- Rectangle
- Irregular

Cuckoo for Symmetry

A broken spring split all the gears in the cuckoo clock. Now the cuckoo is stuck inside! To get the clock working, match the gears to congruent parts to form symmetrical shapes.

-

Skills:
- Find Symmetry.
- Use visual thinking.

Dragon Drop

Sir Bricks-a-lot is on a quest to catch a dragon for the Royal Zoo. His plan is to trap the dragon in its lair by stacking numbered bricks in front of the entrance. Order the bricks from least to greatest without waking the fire-breathing beast!

Skills:
- Use place value to compare and order numbers.
- Order whole numbers, decimals, fractions, integers, and mixed numbers.

Levels:
- Whole Numbers: 10-99, 90-999, 900-9,999, 9,000-99,999
- Decimals: Tenths, Hundredths
- Fractions: Like Denominators, Different Denominators
- Integers: -50 to 50
- Combined: Fractions & Decimals, Fractions, Mixed Numbers, & Decimals

Fearless Flying Fleas

The Fearless Flying Fleas will wow the crowd by leaping over peanuts, postage stamps, and other household objects. Make sure the fleas land safely by correctly estimating, then measuring the length of each obstacle.

Skills:
- Estimate and measure length in:
  - ❖ nonstandard units
  - ❖ inches & quarter inches
- centimeters

Levels:
- Bold – Nonstandard Units
- Gutsy – Inches
- Daring – Centimeters
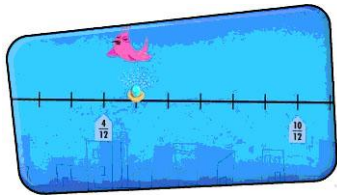- Fearless – Quarter Inches

Hamster Hotel

Hamster Hotel is the only five-star hotel for rodents. Help the bellhop finds rooms for all the guests. Fill the hotel to 100% capacity by delivering each group to a floor with enough vacant rooms.

Skills:

- Measure capacity
- Understand whole numbers, fractions, decimals, and .percentages.

Levels:

- Easy – Quantities represented by whole numbers
- Medium – Quantities represented as fractions and decimals
- Hard – Quantities represented as fractions, and percentages, and windows blocked by curtains.
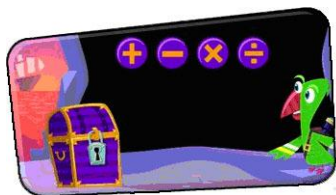
Hatchin' Fractions

Boopy Bird's eggs are ready to hatch. Locate fractions on a number line to help her find her nest.

Skills:

- Understand fractions with like and unlike denominators
- Locate fractions on a number line

Levels:

- Easy – Each problems has one denominator
- Hard – Unit fractions (numerators = 1)

Math Facts Practice

Retrieve keys to a treasure chest by solving addition, subtraction, multiplication, and division problems.

Skills:

- Use whole number computation.
- Use basic facts and fact strategies for addition, subtraction, multiplication, and devision.

Levels:

- Addition, Subtraction, Multiplication, Division
- Difficulty – Easy, Hard
- Timer – On, Off