

MATH 'N' MOVEMENT



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MATH 'N' MOVEMENT

Free
Activity

EQUIVALENT FRACTIONS

CARD SWAP

In this Math 'N' Movement activity students will identify comparative fractions, decimals and percentages.

ACTIVITY

1. Students form a large circle holding their given card.
2. One student stands in the middle of the circle and calls out 2 numbers which have a numerical relationship equivalent to that shown on the cards of students in the circle. I.e. If students have 50%, $\frac{1}{2}$ and 0.5 the numbers 2 and 4 could be called.
3. Students holding the cards with 50%, $\frac{1}{2}$ and 0.5 must run through the middle of the circle to swap places with someone holding an equivalent fraction to theirs.
4. The last student to find a place in the circle is in for the next round and must call the next 2 numbers and the movement students will use to cross the circle i.e. Skip, hop, jump or side gallop.
5. After a few rounds students can swap cards so that they have a chance to use a different equivalent.



Equipment
Required:

- Fraction, decimal and percentage cards of your choice.
- A large space.



Notes:

This card concept can be used for many outcomes such as 2D shapes where students with a 4 would swap with a student with a square, a triangle with a 3 etc. Kindergarten students could have dots on their cards and when the child in the middle holds up a number of fingers, students with that many dots swap. The options are endless and can be used to cover every topic in the syllabus.



Additional Maths
Outcomes Covered:

- MP4 - Models with mathematics.
- MP5 - Uses appropriate tools strategically.
- MP6 - Attends to precision.
- MP8 - Looks for and expresses regularity in repeated reasoning.



PD/H/PE
Outcomes Covered:

- Team work and cooperation.
- Moving/FMS - Skip, hop, jump, gallop, sprint etc can be used for this activity.
- Develops positive relationships with peers and team mates.
- Participates in physical activity recognising that it can be both enjoyable and important for health.
- Identifies that positive social interaction makes physical activity more fun.

Free Card Swap Activity - FRACTIONS & DECIMALS

Whole Number

Addition

Subtraction

Multiplication
& Division

Fractions &
Decimals

Chance

Patterns &
Algebra

Data

Length

Area

Volume
& Capacity

Mass

Time

3D Space

2D Space

Angles

Position

MATH 'N' MOVEMENT

FRACTION & DECIMAL CARDS

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{2}$

0.5

0.5

0.5

50%

50%

50%

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{3}$

0.33

0.33

0.33

33%

33%

33%

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

0.25

0.25

0.25

25%

25%

25%

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3D Space

2D Space

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Position

MATH 'N' MOVEMENT

2D SHAPE CARDS

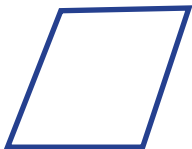
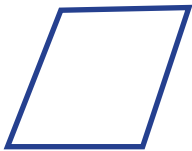
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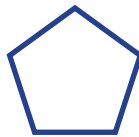
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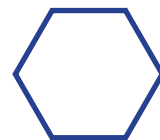
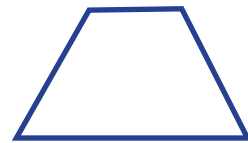
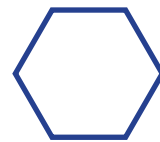
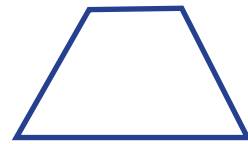
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4

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5

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Fractions & Decimals

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Length

Area

Volume & Capacity

Mass

Time

3D Space

2D Space

Angles

Position

Free Card Swap Activity - 2D SHAPES

MATH 'N' MOVEMENT



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- Whole Number
- Addition
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