

MATHS 'N' MOVEMENT



Rachel McCann

MATHS 'N' MOVEMENT

Free
Activity

EQUIVALENT FRACTIONS

CARD SWAP

In this Maths '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

MATHS '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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MATHS 'N' MOVEMENT

2D SHAPE CARDS



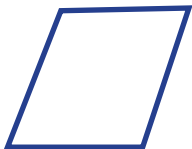
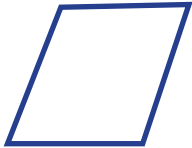
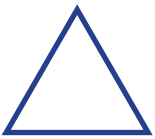
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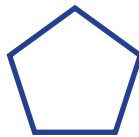
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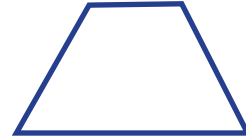
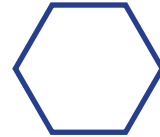
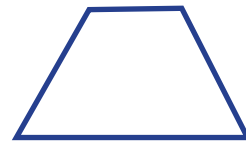
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4

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3D Space

2D Space

Angles

Position

Free Card Swap Activity - 2D SHAPES

MATHS 'N' MOVEMENT



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2

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If you enjoyed this FREE
Maths 'N' Movement activity
please let me know what you thought
by emailing me at
rachel@mathsnmovement.com.au

If you have specific outcomes you
would like to see activities for
please contact me so I can create an
activity just for you.