

# MATHS 'N' MOVEMENT



Rachel McCann

Free Activity

## MULTIPLICATION & DIVISION

TABLES HOOPS

In this Maths 'N' Movement activity students will identify factors of numbers up to 50.

### ACTIVITY

- 4 hula hoops are placed on the ground at least 2 metres apart with the numbers '2', '3', '5' and '7' in them.
- When the music starts students move around the hoops using the given movement such as hopping, skipping, jumping etc and when the music stops they choose a hoop in which to stand.
- The 2 decahedron (10 sided) dice are rolled and the number created is announced. Any students standing in a hoop which is a factor of that number races to record a tally mark against their name on a
- After 4 rounds students add up their tally marks and the student with the most points wins.



Equipment Required:

- 4 hula hoops.
- The Numbers 2, 3, 5 and 7.
- 2 x 10 sided dice.
- A whole class list and pencils.
- Music which can be easily stopped and started.



Notes:

\* Although 2, 3, 5 and 7 have been suggested and provided any factors could be used depending on student's age and ability level.

\* This is a good way for students to see that some numbers can have multiple factors and numbers such as 30 include 3 of the given factors.

\* If you do not have music a whistle can be blown for student to find a hoop.



Additional Maths Outcomes Covered:

MP4 - Models with mathematics.

MP8 - Looks for and expresses regularity in repeated reasoning.



PD/H/PE Outcomes Covered:

- Participates in a variety of group settings without interfering with others.
- Accepts responsibility for one's own behavior in a group activity.
- Shows developing skill at changing direction quickly when running, skipping, jumping etc.
- Participates in enjoyable and challenging physical activities 3 to 4 times per week.
- Identifies that positive social interactions make physical activity more fun.

# MATHS 'N' MOVEMENT



Whole Number

Addition

Subtraction

Multiplication  
& Division

Fractions &  
Decimals

Chance

Patterns &  
Algebra

Data

Length

Area

Volume  
& Capacity

Mass

Time

3D Space

2D Space

Angles

Position

2

3

5

7

# MATHS 'N' MOVEMENT

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