

# MATH 'N' MOVEMENT



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# MATH 'N' MOVEMENT

Free  
Activity

## MULTIPLICATION & DIVISION

TABLES HOOPS

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

### ACTIVITY

1. 4 hula hoops are placed on the ground at least 2 metres apart with the numbers '2', '3', '5' and '7' in them.
2. 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.
3. 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
4. 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.

# MATH '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