

# MATHS 'N' MOVEMENT



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# MATHS 'N' MOVEMENT

Free  
Activity

## TIME

KEEPING TIME

In this Maths 'N' Movement activity students will measure and record time using digital and analog notation.

### ACTIVITY

1. In pairs, students time each other to dribble a ball through a series of 10 witches hats.
2. When the first student has been timed they use their Time Recording Sheet to record their time in seconds and the time they would have finished if they had started at the time shown on the clock.
3. When the first student has finished recording their time, pairs swap and the second student in each pair dribbles the ball while the first student keeps time.
4. Students dribble the ball and keep time once a day for a week to see if their speed improves over time.



### Equipment Required:

- 10 witches hats set in a line.
- A soccer or football per pair.
- A Time Recording Sheet and pencil per team.
- A stop watch per pair.



### Notes:

If you do not have enough stop watches for one per pair students could form larger groups.

Dribbling with the feet is suggested for this activity but bouncing a basketball could also be used.

For younger or less able students just record the seconds taken rather than transcribing using the clocks given.



### Additional Maths Outcomes Covered:

- MP4 - Models with mathematics.
- MP5 - Uses appropriate tools strategically.
- MP6 - Attends to precision.
- MP7 - Looks for and makes use of structures.



### PD/H/PE Outcomes Covered:

- Demonstrates improving accuracy when dribbling a ball with the foot.
- Demonstrates improvement in a fundamental movement skill over time.
- Works with a partner to achieve a shared fitness goal.
- Participates in enjoyable and challenging physical activities 3 or 4 days 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


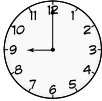



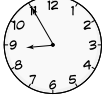

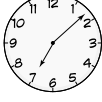


Time





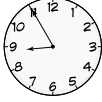

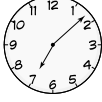
3D Space

2D Space

Angles

Position

Student 1	Time in Seconds	Start Time	Finish Time	Start Time	Finish Time
Day 1	_____	9:00:05	9:00: ___		
Day 2	_____	5:24:10	5:24: ___		
Day 3	_____	8:55:10	8:55: ___		
Day 4	_____	7:08:15	7:08: ___		
Day 5	_____	2:20:40	2:2 ___ : ___		

Student 2	Time in Seconds	Start Time	Finish Time	Start Time	Finish Time
Day 1	_____	9:00:05	9:00: ___		
Day 2	_____	5:24:10	5:24: ___		
Day 3	_____	8:55:10	8:55: ___		
Day 4	_____	7:08:15	7:08: ___		
Day 5	_____	2:20:40	2:2 ___ : ___		

# MATHS 'N' MOVEMENT



## TIME DATA RECORDING SHEET

### Time Taken Per Day For A Week

30					
29					
28					
27					
26					
25					
24					
23					
22					
21					
20					
19					
18					
17					
16					
15					
14					
13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	Monday	Tuesday	Wednesday	Thursday	Friday

Number of Seconds Taken

Days of The Week

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

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.