

# MATH 'N' MOVEMENT



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# MATH 'N' MOVEMENT

Free  
Activity

## TIME

Grades 3 - 6

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

### ACTIVITY

1. In pairs, students will 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 or soccer balls for one per pair students could form groups of 4 or 5 and take it in turn to keep time for each other.

Dribbling with the feet is suggested for this activity but bouncing a basketball could also be used and the activity repeated at various times throughout the year.



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.

# 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

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 ___ : ___		