

MATHS 'N' MOVEMENT



Rachel McCann

MATHS 'N' MOVEMENT

Free
Activity

ADDITION & SUBTRACTION

ROB THE NEST

In this Maths 'N' Movement activity students will use bean bags or balls to create addition and subtraction algorithms.

ACTIVITY

1. Place 6 hula hoops containing 5 blue and 2 red bean bags in a circle with 5 metres between them.
2. In 6 teams, students line up with their Subtraction Recording Sheet behind a hula hoop.
3. When students hear the whistle, one student from each team races to 'rob' blue bean bags and deliver red bean bags to other team's hoops. Students can only carry 1 bean bag at a time whether they are 'robbing' or delivering.
4. When students hear the whistle again they return to their team's hoop and use their Subtraction Recording Sheet to determine their score (5 points for blue bags but 3 subtracted for red bags). The team with the most points wins.



Equipment Required:

- A Subtraction Recording Sheet and pencil per team.
- 6 hula hoops.
- 30 blue and 6 red bean bags.



Notes:

The amount can be changed between rounds to create new addition and subtraction algorithms for students to solve. These amounts can be altered further, depending on the students ability, to become 2 or 3 digit numbers. Additional colored bags can also be added for subsequent rounds ie. green could be worth 4 and yellow worth 2 so there are 4 numbers in each equation and more bags for students to 'rob'.



Additional Maths Outcomes Covered:

- MP4 - Models with mathematics.
- MP5 - Uses appropriate tools strategically.
- MP6 - Attends to precision.



PD/H/PE Outcomes Covered:

- Team work and cooperation.
- Moving/FMS - Sprint runs correctly changing direction as required.
- 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 interactions make physical activity more fun.

MATHS 'N' MOVEMENT



ROB THE NEST RECORDING SHEET

| ROUND 1 | Blue Bags (5 Points Each) | Red Bags (-3 Points Each) | Score |
|------------------|------------------------------|------------------------------|-------|
| Student 1: _____ | | | |
| Student 2: _____ | | | |
| Student 3: _____ | | | |
| Student 4: _____ | | | |
| Student 5: _____ | | | |

| ROUND 2 | Blue Bags (9 Points Each) | Red Bags (-2 Points Each) | Score |
|------------------|------------------------------|------------------------------|-------|
| Student 1: _____ | | | |
| Student 2: _____ | | | |
| Student 3: _____ | | | |
| Student 4: _____ | | | |
| Student 5: _____ | | | |

| ROUND 3 | Blue Bags (7 Points Each) | Red Bags (-4 Points Each) | Score |
|------------------|------------------------------|------------------------------|-------|
| Student 1: _____ | | | |
| Student 2: _____ | | | |
| Student 3: _____ | | | |
| Student 4: _____ | | | |
| Student 5: _____ | | | |

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

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