**Demonstrating Math and Literacy: Roll and Move: Using Dice**

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| Set-up | * Participants can work alone, partners or small groups * Foam dice or small dice enough for each participant to have their own/share |
| How to Play | * Explain to the participants that they roll the die and then count how many dots they see. Ask the participants to show different ways to move their bodies the number of times on the die. For example, if they roll 4, they might choose to run around the die 4 times. * Participants can take turns rolling the die and have their partner suggest the activity or they all do it together |
| Learning focus/Cues  **Active Participation**  **Movement Skills**  perform a variety of locomotor skills travelling in different directions and using different body parts  **SELS**  Healthy Relationships  Critical and Creative Thinking | WHAT: We are learning to think and learn in mathematics, while playing together and moving our bodies.  WHY: to understand how movement skills and math skills are important in my life    Look Fors:  Jumping: *Cues for teaching:*   * bend knees then explode up * swing arms back then forwards and expand body * land with soft feet   *Running: Cues for teaching:*   * Look ahead * Pump arms * Light feet * Lean forward   *Hopping: Cues for teaching*   * Lift one leg up and make an L shape * bend your knee * Push off with your foot * Land on the same foot |
| *Assessment (optional)* | Participants Self Assess themselves as Got it or Still Working on it   * I can work together with a partner   Participants partner share with others ways they can use math and movement |
| Modifications | Progression/regression to increase/reduce difficult   * + - Participants have more than one die and add/subtract/multiply     - Use a larger dice, dice with multiple sides     - Play outdoors for larger area     - Have cards/posters with suggestions of movements     - Use other equipment (4 keep ups with a soccer ball, 6 throw and catches with a scoop and ball)     - Participants work alone or with assistance from a leader |
| Safety | * Check area for other obstacles, dice on the floor * Remind participants of the boundaries and to be aware of their space |