**Bean Bag Math and Gym Lesson**

**Grade:** 2nd Grade

**Subject:** Math, Gym

**Materials Needed:** baskets, bean bags, number labels, list of subtraction problems, masking tape

**Standards:**

* **2.OA.2** Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers
* **S1.E13.2** Throws underhand using a mature pattern
* **S1.E16.2** Catches a self-tossed or well thrown large ball with hands, not trapping or cradling against the body
* **S4.E6.2a & b** Works independently and safely in physical education. Works safely with physical education equipment.

**Objectives:**

* Students will be able to mentally solve subtraction problems within 20.
* Students will demonstrate their ability to catch bean bags thrown by a partner.
* Students will demonstrate their ability to execute an underhand throw using a bean bag.

**Learning Activities:**

* Alright 2nd graders, you have been working really hard this morning. How about we take some time and do a fun gym activity? There is a catch though. We are going to do our math now too.
* For this activity we are going to be using bean bags. But before I hand out the bean bags I want to have a talk about how we use the bean bags.
  + Do you think we should throw them at our neighbors?
  + Should we whip them across the room?
  + What about flinging them up to the ceiling, does that sound like a good idea?
    - When I give you a bean bag we are only going to do underhand tosses.
    - Do you all know how to do underhand tosses?
      * For those of you who may not know, watch how I toss this beanbag to Mrs. B.
      * Now I want you to pair up and I am going to give each group a bean bag and I want you to practice your underhand tosses.
      * Each partner will get 2 tosses.
      * Once I see that everyone understands how we will toss the bean bags we will move on to the actual activity.
* Okay, I am going to count you off into 3 groups. 2 groups will have 7 students and one group will only have 6 but that is okay.
* Now, I have this line of tape on the floor and that is what I expect the first person in each row to stay behind.
  + When we stand in line for this game it will be just like when we line up to go to lunch or the library. We will not be touching our neighbor or talking out of turn and we will face the front so we always know what is going on. What your group members are doing will be important so you are going to want to pay attention.
* As you can see, I also have baskets set up. Each basket has a number on it. My job will be to call out subtraction problems that you kiddos have been working on for a while now. Mrs. B. tells me that these have been kind of tough for you so I thought this would be a good way for us to get better.
* When I call out the problem it will be the job of the leaders of each line to toss their bean bags into the basket with the right answer on it. Does that make sense?
* So, if I am in line and the problem 6-3 is called out and immediately Mrs. B. tosses her bean bag into 4 but I am not done thinking yet- should I just toss my bean bag into 4 too?
  + No, so if you need more time to think that is okay. I will not say what the right answer is until all three bean bags are in baskets.
  + Then, whoever got the right answer first will go to the back of the line and sit down. You still need to pay attention though because we will do more than one round and you will might get a problem that one of your teammates already had.
  + When an entire row is sitting down we will start another round.
* Let’s give it a try.

**Assessment:**

*Informal Assessment*

* The teacher will easily be able to see who needs more work with their subtraction facts. The ones who take longer time to toss their bean bags in are the ones who may need to sharpen their mental strategies.
* The teacher can also make note on a pad of students who take several rotations before they are able to advance.
* Ability to throw underhand and catch can also be easily observed.