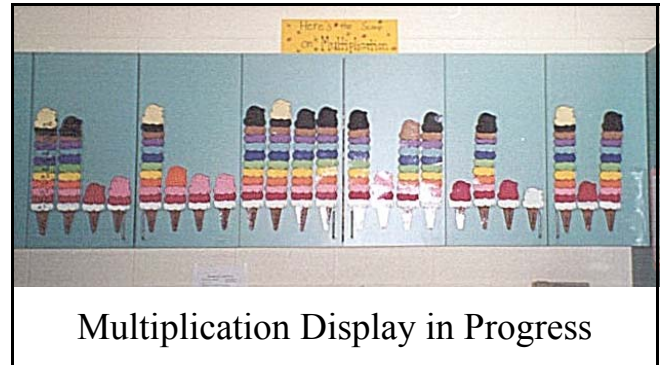


Here's the Scoop on Multiplication!

Here's a method for making sure all your students know their times tables. These directions take them through their twelve's in a simple procedure that involves just a few minutes a day.



Multiplication Display in Progress

Materials:

- Patterns for ice cream cone and scoops (available in many teacher books or draw them yourself – triangle and circles will work!)
- Brown paper for cones
- 12 colors of construction paper for scoops
- Individual white boards and markers or scrap paper

Setting up the Display:

1. Cut out an ice cream cone for each student and write their name on the bottom of the cone. Cut out one scoop of ice cream in 12 different colors for each student. (Hint: Laminate the cones and scoops so you can reuse them the next year.)
2. Place the cones along the bottom of your display area. Each scoop will represent one number on the times table, so make a key down the side of your board showing what colors go with what numbers. (Ex: 1's are white, 2's are red, etc.)

Daily Multiplication Drills

1. You can give everyone a white scoop for their “ones” times tables as a freebie.
2. Use the 2's as an opportunity to practice the daily drill procedure. Have everyone set up their white boards (or scrap paper) as shown.
3. When everyone is ready, randomly call out the numbers from 1 to 12 and have the students write the numbers down as the 2nd factor on their boards. See next page for number lists.
4. Set a timer for 1 minute, and say, “GO!” Students must write all their answers before the timer goes off.

1. $2 \times \underline{\quad} =$
2. $2 \times \underline{\quad} =$
3. $2 \times \underline{\quad} =$
4. $2 \times \underline{\quad} =$
5. $2 \times \underline{\quad} =$
6. $2 \times \underline{\quad} =$
7. $2 \times \underline{\quad} =$
8. $2 \times \underline{\quad} =$
9. $2 \times \underline{\quad} =$
10. $2 \times \underline{\quad} =$
11. $2 \times \underline{\quad} =$
12. $2 \times \underline{\quad} =$

5. Have students exchange white boards and check each other's answers as you call them out.
6. Allow students who have the correct answers to place the appropriate color scoop on top of their ice cream cone.
7. The next day, have everyone who passed their 2's write 3's down the side of their board. Some people may still be working on their 2's, but that's okay. They will write 2's down their boards as they did the day before.
8. When all boards are ready, call out the numbers from 1 to 12 randomly and have students fill in their blanks.
9. After the 1 minute drill, have students switch boards. The key is to have students pass their board to someone who is on a level above them. In other words, you (or a student helper) will check all the boards that have the 3's. Anyone who is on Level 3 can check someone's board who is on Level 2. Later in the program it becomes easier because you'll have many students on different levels and you'll only have to check the top level.
10. Allow students who score 100% to add the appropriate color scoop to their ice cream cone.
11. As you progress through the drills, some kids may still be working on their 2's and others are on their 12's. However, you are still calling the same list of random factors so the program works for everyone.
12. When everyone has mastered all their times tables, celebrate with an ice cream party!



Random Lists of Factors (1 – 12)

Set #1 – 2, 1, 4, 12, 10, 5, 6, 9, 3, 7, 11, 8

Set #2 – 6, 4, 11, 5, 9, 12, 3, 11, 2, 8, 1, 7

Set #3 – 4, 8, 12, 3, 6, 1, 11, 7, 2, 10, 5, 9