



Level: Preschool

Cost: Under \$5.00

Mess factor: Little

Suggested room in the house: Anywhere in the house or outside

“Pop”! That was the sound of a fun learning activity full of bubbles and math!



Your child will experience:

- Counting
- Experimenting, predicting, and drawing conclusions
- New words
- Shapes

Materials:

- One small bottle of bubbles (Walmart, Dollar Store and most grocery stores have these for about \$1.00)



Beginning:

Tell children you are going to play a game together. Introduce the word *prediction* to the children and explain it means to guess something will happen. Say, “I am going to make a prediction. I am going to predict that I will blow only three bubbles.” Try to blow only three bubbles in one breath and see what happens. Have children count the bubbles as they come out of the wand. Switch roles and have children make a prediction and then let them blow.



Middle:

Keep going and see how many times your predictions happen correctly! As children are blowing bubbles, you can offer encouragement by saying, “use self-control” or “make your body blow less or more air.”

Comment on the shape of bubbles to introduce the word *circle*.

End:

Bubbles tend to drip, so be sure to wipe the floor if you are blowing bubbles inside.



Cleanup:

Let children choose a place to store the bubbles until next time!

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Younger children:

- Prediction for children under the preschool level will be difficult. Simply let children blow bubbles and count how many come out of the wand each time.
- Make up a silly game by saying something like “if you blow more than _____ bubbles (pick any number), we will have to do a silly dance together!”
- Add music while you blow to keep it fun and light-hearted!



Older children:

- Each time children blow bubbles have them write down the number that comes out. Help them add the numbers together and keep a running count!
- Compare how high each set of bubbles go. Compare the heights by using things in your environment like bushes, trees, and buildings.
- Have children try to describe ways to control the strength of their blows.
- Write down their predictions. Check off each time their prediction matches their actual bubble count.
- Have older children write down predictions. Help them to form the numbers correctly.



Hints:

- This is a pretty simple activity that really is so open-ended you'll find it very easy to do.

More!

- A search on the Internet will turn up lots of homemade bubble recipes. Extra big bubbles are even more fun!



Special Needs Accommodations:

- Blow bubbles very close to children with limited movement so they can have fun popping them.
- Or, you might blow the bubble farther away from a child if you are encouraging movement for therapy.