

## New Year Bubbling Bottles!

As we welcome a new year once again, why not celebrate within your setting with this exciting New Year Bubbling Bottles activity?

### Learning aims

- Remember and talk about special times or events
- Talk and ask questions about some things the children have observed during Christmas and new year
- Talk about why things happen and how things work.
- Explore how different materials can be combined to create new effects.



### Resources

- 1-litre bottles of fizzy pop in different colours
- Packets of mentos
- A large open space
- Large tray
- Cloths and water to clear up
- A camera.

## Activity outline

- Clear a large space in your outside area
- Ask the children and other adults to stand a safe distance away and talk to them about being safe and that adults need to do this special activity
- Ask another adult to take photos of the activity and the children's responses
- Put the bottles of soda on a large tray – this makes the clear up easier!
- Explain to the children that you are going to put the mentos into the bottles and ask them what they think will happen
- When you have lots of great ideas from the children open the diet soda bottles and pop in several mentos - step back!
- Watch as the mentos react with the diet soda and create a bubbling effect out of the top of the bottle – sometimes they can shoot quite high so be prepared for some of your own fireworks
- You might like to get the children to shout 'Happy New Year' as each bottle bubbles
- Discuss with the children why they think this happened
- Print off the photos and revisit the activity by talking to the children and asking them what happened.

## Working with Babies

This activity is best carried out with older children but there is no reason why babies could not watch with an adult from a safe distance.

## Special considerations

*Ensure a risk assessment is carried out prior to beginning the activity taking into consideration the items being used and considering any allergies of the children taking part.*