**SECTION 6: LONGER LASTING BUBBLES**

## LAB

**INTRODUCTION**

Blow a bubble that will last for ten minutes… twenty mintues…over an hour! Yes, it is possible! In 1917, Sir Thomas Dewar made a bubble that lasted 108 days. Since then, Eiffel Plasterer, a physicist

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who has been blowing bubbles for close to sixty years, belw a bubble that lasted for 340 days! Present this challenge to your students, and let them apply what they’ve learned about bubbles. This open­ended experiment serves as an excellent culmination to a unit on bubble science.

# ASSESSMENT ANCHORS ADDRESSED

**S4.A.1.1** Identify and explain the pros and cons of applying scientific, environmental, or technological knowledge to possible solutions to problems.

**S4.A.2.2** Identify appropriate instruments for a specific task and describe the information the instrument can provide.

**S4.C.1.1** Describe observable physical properties of matter.

# PURPOSE

Students will culminate all that they have learned about bubbles when they try to make bubbles that last!

# MATERIALS

## For the class:

\*1 pint sized containers \*Newspaper Dishwashing liquid Eyedropper

Glycerin 1 one gallon container

1 pie pan \*water

straws

*Teacher provides items marked with \**

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