



Fluid Dynamics

Final Assignment

1. Prepare a **Title Page**. The Title Page will include the name of the unit, your name, the date that this assignment is due, and any images that you think best represent the unit. Remember the STB (Snappy Title Bonus) is in effect.

The Title Page may be made on computer, by hand, or any way that you choose.

2. Prepare a **Table of Contents**. The Table of Contents will include a listing of the lab, assignments and tests from this unit in their correct order.

Each lab/assignment will have an explanation describing the concepts investigated in the assignment.

*Ex.: In **That is So Dense!** We learned that $Density = Mass + Volume$ and we measured Density in grams per millilitre (g/ml). We also measured the Mass and Volume of several objects and calculated their Densities.*

3. Include with your Final Assignment **ALL ASSIGNMENTS** done in this unit as well as any tests done in the unit. All Assignments must be completely filled in except for the Test Review. The correct order for assignments in this unit is as follows:

- 1) Title Page
- 2) Table of Contents
- 3) Little Bits of Stuff Moving Around Pt. 1
- 4) Getting Cube-ular including your Experimental Write-up and Marks Sheet
- 5) Little Bits of Stuff Moving Around Pt. 2
- 6) Diffusion - It's Molecular Confusion including your Diffusion Experimental Write-up with Marks Sheet
- 7) May the Force Be With You
- 8) Buoy, It's Sinking
- 9) Sticking Together including your Corn Syrup Flow Rate Experimental Write-Up with Marks Sheet
- 10) A Fluid Understanding - Fluid Dynamics Unit Test
- 11) Glossary

4. Prepare a **Glossary** of the important scientific terms and concepts investigated in this unit. Include at least **20 words or terms** with their **definitions** in your glossary. The glossary must be in **ALPHABETICAL ORDER**.