



**Variables**  
 v = speed  
 V = volume  
 P = pressure measured in Pa

**Fluids**  
**Enduring Understanding**  
 The fluid interactions and thermodynamics process are governed by conservation laws.

**Essential Questions**

- 1. How are hydrostatic problems treated differently than hydrodynamic problems?
- 2. When do you use an FBD to solve a problem?
- 3. What does continuous mean?
- 4. What relationships exist between moving fluids and Work and Energy?

