

# **Constructing a Performance Task Scenario Using GRASPS**

## **Science – Sample 2**

(from the work of Grant Wiggins and Jay McTighe; content from Jon Kludt-Painter)

### **Goal**

- **The goal is to** design a bid to move logs using balloons.

### **Role**

- **You are** on a team of engineers working for a balloon company.

### **Audience**

- **The audience** is a logging company.

### **Situation**

**The context you will find yourself in is that** a logging company is asking for bids to move logs from the job site to a mill. The job site is located in a national park and all combustion engines have been banned as well as access by road. The logging company wants to explore the idea of using balloons to transfer logs.

### **Product or Performance**

- Before a contract is offered, **you need to** design a mock up of a balloon and load capacity data must be presented in the form of a brochure.

### **Standards for Success**

**Your product must meet the following criteria:**

- Brochure includes all elements of marketability with adequate persuasive elements.
- Final model reflects clear evidence of troubleshooting, testing, and refinements based on data or scientific principles.
- Structure functions well, lifting designated load as volume suggests.