

Name:

Date:

Class:

Paper Football Physics – Project Constraints

Instructions: Use the engineering design process to create three distinctively shaped “footballs.” The constraints for the footballs and different shapes are as follows:

1. **Triangle-shaped football:** No larger than 3 cm x 4 cm x 5 cm
2. **Square-shaped football:** No larger than 5 cm x 5 cm
3. **Round/oval-shaped football:** Circumference can be no larger than 4 cm
4. **Rectangle-shaped football:** No larger than 5 cm x 4 cm