

Sinclair / Ventura Design project

Welcome,

Your team has been asked to help design a new themed product for the plastic bottle industry. This product is a joint design between the teams at Sinclair and Ventura .

The customer is Six Flags; they operate theme parks all over the United States and are looking for a common themed bottle lanyard holder and finger holder. The theme that the team selects must be evident in the design of the product (For Example a Zoo customer may have animals designed into/ onto the ring)

The communication between the teams may occur any day or time. That should be worked out between the team chairs / communication specialists.

The project will be to create an add-component to the ring that is left from the twist off water bottle caps. This add-on component will be a finger holder for the bottle --- VC group project. The other design team will create an attachment point for a lanyard --- SCC group project. Your instructor has some examples of a basic design that has previously been made. (*see capring.dwf on streamline site)

The collaboration is based on developing a central theme to the designs. Both designs must show clear elements of the central theme. The finger holder or lanyard attachment cannot be outside the diameter of a typical 16.9 oz bottle of water.

The deliverables:

By Friday your teams must collaborate to develop these products, you will start with a basic model of the part found on the designcollaborative streamline site. You will need to design and create a rapid prototype model this design for the customer by Friday. If time permits you can have the alternate model (lanyard holder/ finger holder) collaborative team design prototyped at your local site also.

1. Project Timeline
2. A solid model of the design
3. An STL file for prototyping
4. Detail drawings of the design

The final designs will be tested and the best design will be selected by the groups.