The Canyon Blaster

This page considers the center (full) horizontal circle in the set of three horizontal spirals. Note: the center spiral appears to have just enough drop to overcome friction and is therefore negligible.

Gather the following data about the circle of interest

track length	m
radius	m
time to traverse	s

1. What is the centripetal force applied to you by the track?

2. How many G's did you pull in the circle?

3. While in the circle, did you feel more force into your seat or against the outside wall of the car?

4. Why is the track banked?