6 The Enterprise is an amusement park ride. Riders sit in cars that are made to rotate in a vertical circle.

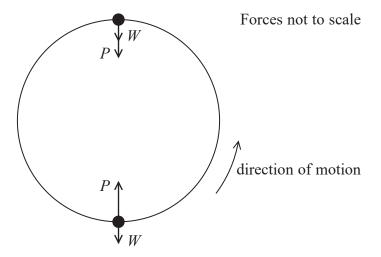
The ride starts by moving in a horizontal circle. The speed of rotation increases, and the frame tilts until the ride is rotating vertically as shown.



The photograph below shows riders at the top of the vertical circle. The riders are in contact with their seats at all times during the ride.



The diagram shows the weight W of a rider and the push P from the seat on the rider at the top and bottom of the circular path.



	nt weight experienced by	the fider would change.	(6)
			(0)
On the website of the ar	musement park it states		
		for safety harnesses for th	na ridars
"The ride is perfect	IV sate without the need		IC LIUCIS.
"The ride is perfect Centrifugal force en	nsures that the riders rem	ain in their seats at all sta	ges in the ride."
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