

USE OF ACCELEROMETERS DURING PHYSICS DAYS AT KNOTT'S BERRY FARM

**Accelerometers
WILL BE
permitted on the
following rides:**

Boomerang

Dragon Swing

GhostRider

La Revolución

Log Ride

**Montezooma's
Revenge**

Riptide

Xcelerator

For safety reasons, Knott's Berry Farm will only allow accelerometers that meet the following guidelines.

Non-Electronic Hand-Held Accelerometer

- Must be a simple-spring or horizontal accelerometer made of lightweight, non-breakable material.
- Simple-spring or horizontal accelerometer must be small enough to not interfere with the riders' ability to safely ride the ride and must be secured to the rider. Riders must be able to hold on to restraints with both hands at all times.
- Accelerometers must have a wrist strap and have the ability to be secured for the duration of the ride.

Electronic and Phone App Accelerometers



- Electronic accelerometers (including phone app software) will only be permitted when used in conjunction with a data vest accessory.
- If your school or organization would like to supply and utilize a data vest for your students, it must be inspected and approved by Knott's Berry Farm prior to being allowed on the listed attractions. Please make your requests for approval to our sales team prior to arrival at the park.
- Vests must have the ability to secure the accelerometer or data device in a pocket and fastened with Velcro, a button or zipper.
- Vest must fit securely to the participant and must not interfere with the proper function of the restraint system.
- Vests must be secured on the rider before boarding the ride unit and the data device must be activated prior to the locking of the restraint.

In order to facilitate the use of accelerometers and provide each rider with the safest ride possible, accelerometers that do not meet these guidelines, will not be allowed on any ride.

Thank you in advance for your cooperation!

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For safety reasons, only accelerometers that meet the following guidelines will be allowed.

<p>Non-Electronic Hand-Held Accelerometer</p> <ul style="list-style-type: none">• Must be a simple-spring or horizontal accelerometer made of lightweight, non-breakable material.• Simple-spring or horizontal accelerometer must be small enough to not interfere with the riders' ability to safely ride the ride and must be secured to the rider. Riders must be able to hold on to restraints with both hands at all times.• Accelerometers must have a wrist strap and have the ability to be secured for the duration of the ride.	
<p>Electronic and Phone App Accelerometers</p> <ul style="list-style-type: none">• Electronic accelerometers (including phone app software) will only be permitted when used in conjunction with a data vest accessory.• Vests must be inspected and approved by both the Ride and Safety MOD prior to being allowed on the listed attractions.• Vests must have the ability to secure the accelerometer or data device in a pocket and fastened with Velcro, a button or zipper.• Vest must fit securely to the participant and must not interfere with the proper function of the restraint system.• Vests must be secured on the rider before boarding the ride unit and the data device must be activated prior to the locking of the restraint.	
<p>On Ride Mechanical Accelerometers</p> <ul style="list-style-type: none">• Parks may opt to install an accelerometer directly to individual rides.• Safe mounting procedures will be determined with a collaborative effort of the Safety, Maintenance, and Operations Departments.	

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