

# Child Cycle Helmet Safety Test Results 2021

The following table shows the results for the 8 child cycle helmets which were tested by Folksam Insurance Group in 2021 and which are available for purchase in the UK. All of these cycle helmets underwent tests that are additional to those required under the minimum safety standard, EN 1078, which needs to be met for any bicycle helmet sold in the EU to obtain the CE safety mark. The extended tests carried out by Folksam included oblique impact tests (oblique impact inflicts rotational forces on the head and can result

in consequent concussion injury to the brain). The eight helmets are equipped with technology aimed at reducing rotational acceleration (seven with MIPS [Multi-directional Impact Protection System] and one with SPIN [Shearing Pads Inside]). The recommendation in Sweden is that children up to seven years of age should use helmets with a green buckle, a self-release system tested and approved according to CE standard EN 1080 (EN1080) and the 'recommended' helmet available in the UK (Lazer Gekko) is also fitted with this buckle.

Child Helmets 2021	Year tested	Grade	Approx price (£)
Lazer Gekko MIPS <b>RECOMMENDED</b>	2021	4	£50
Giro Hale MIPS	2021	2	£45
Giro Tremor MIPS	2021	2	£60
Lazer Petit DLX MIPS	2021	2	£59
POC POCITO CRANE MIPS	2021	2	£95
POC POCito Omne SPIN	2021	2	£95
Scott Spunto Junior Plus	2021	2	£50
Specialized Shuffle Child LED MIPS	2021	2	£50

## FOLKSAM GRADING SYSTEM

### GRADE 4:

The helmet is more than 15% better than the average in the test round – both for direct and oblique impact. It provides good protection and is a 'Recommended' helmet.

### GRADE 3:

The helmet is more than 15% better than the average in the test round, but it is either the direct or oblique impact that has better values than the average, not both. A helmet with a Grade 3 also provides good protection.

### GRADE 2:

The helmet has received an average test result.

### GRADE 1:

The helmet is more than 15% worse than the average in the test round.

## Lazer Gekko MIPS



For further info and full test results, see [www.roadsafetytrust.org.uk/cycle-helmet-testing](http://www.roadsafetytrust.org.uk/cycle-helmet-testing)