**Supplemental Material:** Evaluating the use of maximum likelihood estimators in children aged 4–15 years (QUEST+)

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1. **QUEST+ stimulus selection over time**
The QUEST+ algorithm was used to recommend the most informative stimulus values to present on each trial. As shown in Fig S1, the algorithm typically started by presenting higher spatial frequencies, before testing a broad range of values depending on the observer’s responses. See Fig 7 in the main manuscript for the overall distribution of stimulus values across all trials.

![Fig S1. Presented stimulus frequency as a function of trial number. Data are from all participants (QUEST+ uniform-priors condition only).](image-url)