

Guide to making judgments — Year 4 Mathematics

Name

Focus: Generate solutions using number, measurement and space concepts.

Knowledge and understanding Reflecting	Knowledge and understanding Thinking and reasoning	Knowledge and understanding Communicating	
Reflects on and identifies how mapping and the measurement of time and mass contribute to personal activities. Questions 1, 16, 17	Generates sequencing and scheduling solutions using timeline and calendar, and solves measuring and addition problems with mass. Interprets maps to make inferences and decisions and generate solutions. Questions 2–8, 12–15	Justify tent position and playground placement and give directions using everyday and mathematical language. Questions 9–11	
<ul style="list-style-type: none"> Consistently identifies relevant examples of how mathematics is used in the chosen activity, and how a legend and a compass are used. Correctly identifies how clocks, timelines, timetables and calendars are used to measure time. Identifies most uses for a legend and compass, and for clocks, timelines, timetables and calendars. Identifies two relevant examples of how mathematics can be used in the chosen activity. Identifies some uses for clocks, timelines, timetables, calendars and one use for a legend. Items described have connections to the chosen activity. Identifies how two items (clock, timeline, timetable, calendar) are used to measure time. 	<ul style="list-style-type: none"> Identifies items to be placed in all boxes. Generates correct solutions using a timeline, calendar and mass measurement. Competent use of legend and compass to identify location and direction. Generates mostly correct measurement solutions using a timeline, calendar and kitchen scales. Identifies items to be placed in two boxes. Generates some correct solutions using a timeline, calendar and compass directions. Records correct measurement on one kitchen scale and identifies items to be placed in one box. 	<ul style="list-style-type: none"> Provides logical justification of which tent site is quietest and where playground should be placed based on interpretation of mapping conventions. Directions are precise. Provides reasonable justification of which tent site is quietest and where playground should be placed. Directions are coherent and include compass points. Provides some directions using mathematical language. 	<p>A</p> <p>B</p> <p>C</p> <p>D</p> <p>E</p>

Feedback

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