

Guide to making judgments — Year 4 Mathematics

Name

Focus: Generate solutions using number, measurement and space concepts and reflect on mathematical understandings in everyday life.

Knowledge and understanding	Thinking and reasoning	Communicating	Reflecting
<p>Reads and interprets maps and calendars. Selects measurement tools and makes measurements. Calculates addition and subtraction problems.</p> <p>Questions 1, 2, 5, 6, 8, 10, 11–14</p>	<p>Generates solutions using calendars and measurement. Interprets maps, makes decisions and justifies locations.</p> <p>Questions 3, 4, 7, 9</p>	<p>Communicates calendar information, directions and number solutions using everyday and mathematical language.</p> <p>Questions 3, 9, 11–14</p>	<p>Reflects on and identifies how mathematical understandings contribute to everyday personal activities.</p> <p>Questions 15, 16</p>
<p>◀ Generates correct solutions for calendar and measurement. Number problems are accurate. Directions are precise.</p> <p>◀ Adds decimal number problems correctly.</p> <p>◀ Calculates total number of popcorn boxes. Demonstrates success in solving calendar and measurement problems, adding and subtracting whole numbers, and using a compass rose and alphanumeric grid.</p> <p>◀ Demonstrates some success in calendar and measuring questions. Costing is partially completed. Directions are provided.</p>	<p>◀ Justifies stall location by referring to mapping conventions.</p> <p>◀ Accurately identifies day of school assembly. Clearly explains solutions and choices.</p> <p>◀ Identifies backup date and explains solution. Applies appropriate strategies and correctly chooses measuring instruments.</p> <p>◀ Proposes solutions using a calendar.</p>	<p>◀ Clearly communicates mathematical procedures. Uses mathematical language in explanations.</p> <p>◀ Uses mathematical language.</p> <p>◀ Shows working out in most explanations. Uses reasonable everyday language in explanations.</p> <p>◀ Provides working to support some solutions.</p> <p>◀ Provides some directions using everyday language. Some costs are provided.</p>	<p>◀ Consistently identifies relevant examples of where and how mathematics is used in chosen activities.</p> <p>◀ Correctly identifies how instruments, tools and number operations are used in daily activities.</p> <p>◀ Identifies operations and uses for an instrument and tools. Items described have connections to the chosen activity.</p> <p>◀ Identifies some examples of selected tool, instrument or operation.</p>
			A
			B
			C
			D
			E

Feedback

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