

SAMPLE MATH PROCESS STANDARDS RUBRIC

Sample rubric to encourage math thinking and help assess math work processes.

Process	Excellent	Good	Needs Work
Understands problems	Can quickly explain problems so others can understand	Seems to understand most problems and can explain them in words	Needs a great deal of help understanding problems
Able to explain processes used and why	Can clearly explain steps of how arrived at all answers	Can generally explain almost all answers	Can't explain at all how arrived at anything
Effort	Works steadily and independently	Works steadily with some encouragement	Barely starts, gives up easily
Tries different methods	Gets unstuck by trying different approaches independently	Gets unstuck by asking for help	Tries one method then gives up
Uses tools to help work on problems (calculator, computer, measurement/drawing tools)	Selects appropriate tools and uses them easily	Selects and uses tools with some assistance	Little idea of which tools to use for what, or how to use them
Notes and references	Keeps clear notes and neat notebook, uses notes and references for review and help	Keeps notebook, sometimes messy, uses it and other references for review and help with some encouragement	Barely keeps notebook, often forgets text book, doesn't use notes or reference books