Characteristics of a Student
Well-Suited for Honors Mathematics

★ *Works well independently.* Seeks help only when necessary. Does not require detailed or repeated directions from the teacher. Finds satisfaction in independently solving a problem rather than accepting another person's solution or help. Acquisition of knowledge is his or her first priority.

★ *The student is creative.* Can think of things to try, or use original methods, when faced with a problem situation.

★ *Readily applies learned principles in new situations.* Can solve novel problems. Responds well to guided discovery.

★ *Responds positively to challenging situations.* Shows persistence and perseverance in searching for solutions.

★ *Likes to analyze, generalize, derive, prove, abstract*; to investigate relationships and alternative solutions.

★ *Has a strong intuitive sense for the subject matter.* Sorts out key relationships quickly.

★ *Shows a high degree of interest and motivation.* Is intellectually curious and a critical thinker.

★ *Has experienced high achievement in past courses without undue stress.* Has not depended upon rote learning and tutoring. Has a balanced approach to the use of a technology.

★ *Shows above average ability in oral and written expression.*

★ *Retains a high percentage of material learned in previous courses or earlier in the current course.* Can call upon previously learned material at appropriate times.

Honors students are expected to complete summer review packets over prerequisite material for each honors mathematics class.