**Advanced Math Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **Score/Comments** |
| **Mathematical Knowledge** | →I make many mistakes on my math work. →I understand some math concepts taught in class. | →I make some mistakes on my math work.→I understand most math concepts taught in class. | →I make very few mistakes on my math work.→ I understand math concepts well enough that I could teach others. |  |
| **Communication** | →I rarely engaged in class.→I worked well with my partner/group *only when* the teacher reminded me.→I struggle to explain how I solved problems. | →I engaged most of the time in class.→I usually worked well with my partner/group. →I can usually explain how I solved problems. | →I engaged fully in class.→I worked well with my partner/group. →I can explain how I solved problems. |  |
| **Effort** | →I often needed reminding to do the assigned work.→I struggled to turn work in on time. | →I usually did the assigned work and rarely needed reminding.→I turned work in on time. | →I always did the assigned work without having to be reminded.→I consistently turned work in on time. |  |
| **Critical Thinking/****Problem Solving** | →I sometimes can identify the steps necessary to solve problems.→I often gave up when solving problems became hard. | →I can identify the steps necessary to solve problems.→I sometimes gave up when solving problems became hard. | →I can identify the steps necessary to solve problems.→I didn’t give up when solving problems, even if they were hard. |  |
| **Creativity/Innovation** | →I have a hard time trying different approaches to solving problems.→I struggled to look for patterns and/or could not simplify my problem solving method.  | →I sometimes try different approaches to solving problems.→I looked for patterns and tried to simplify my problem solving method.  | →I try different approaches to solving problems.→I consistently looked for patterns to create shortcuts to simplify my problem solving method. |  |
| **Assessments** | →I rarely showed an understanding of math through assessments and/or projects.→My grades show limited understanding. | →I usually showed an understanding of math through assessments and/or projects.→My grades are mostly A’s and B’s. | →I always showed a clear understanding of math through assessments and/or projects.→My grades are mostly A’s. |  |

**Overall Score \_\_\_\_\_/18**

|  |  |
| --- | --- |
| **Total Score** | **Descriptor** |
| **\*15 - 18**  | Student achieved ALP goal: Student has consistently shown advanced performance and knowledge. |
| **14 - below**  | Student did NOT achieve ALP goal: Student has had challenges in consistently showing advanced performance and knowledge. |

\* Recommended range for Gifted student to achieve ALP goal

|  |
| --- |
| One area I want to focus on and make growth in is:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_What will you need to be successful? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Teacher Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |