

| | | |
|-----------------------------------|---------------------------------|-----------------------|
| Student: Albert Einstein | Teacher: Ms Emmy Noether | |
| Absences from class: | Times Late: | |
| Individual Education Plan: | Student Behavior Plan: | Other Support: |

| Behaviours for Success (not included in grade) | |
|---|---------------------|
| Academic Responsibility: Completes assignments | CONSISTENTLY |
| Engagement: Collaborates well with others | SOMETIMES |
| Conduct: Positive attitude | CONSISTENTLY |
| Preparation: Prepared for class | SOMETIMES |
| Attendance: Attends regularly | CONSISTENTLY |
| Responsibility: Perseveres until task is completed | CONSISTENTLY |

Learning Standards: These consist of both curricular competencies (what students should be able to do) and content (what students should know).

| | | |
|---|-------------------|--|
| Reasoning and Analyzing | PROFICIENT | Albert demonstrates his ability to model mathematics in situations as shown in his proportional reasoning project (ice rink). Albert demonstrates his ability to estimate reasonably as shown in his financial literacy budgeting project. Albert uses mental math strategies and is able to identify mistakes through his reasoning skills. |
| Understanding and Solving | PROFICIENT | Albert demonstrates patience during problem solving. He identifies a problem and searches for multiple ways to solve the problem. His visualization of solutions has helped him to successfully be able to solve an assortment of mathematical problems. |
| Communicating and Representing | PROFICIENT | Albert is able to explain and justify his mathematical thinking using pictures, diagrams, and mathematical language. Albert is encouraged to find different ways of communicating the same mathematical process to deepen his understanding of concepts. |
| Connecting and Reflecting | PROFICIENT | Albert is able to reflect on his mathematical thinking to adjust a solution to a problem as demonstrated through his budgeting project. Albert is encouraged to connect mathematical concepts to each other by deeply reflecting on meaning of old and new concepts. |
| Exponents | EMERGING | Albert is able to multiply and divide exponents. Albert is encouraged to continue working on power exponent laws, negative exponents and fractional exponents. |
| Operations with Rational Numbers | PROFICIENT | Albert was able to apply addition and subtraction during his paddle making project. He is encouraged to continue developing his understanding of the relationships between addition and multiplication, and subtraction and division.. |
| Polynomials | EMERGING | Albert is able to identify the degree and the coefficient of a polynomial. Albert is beginning to factor polynomials and is encouraged to continue practicing various factoring methods. |
| Linear relations | PROFICIENT | Albert is able to solve linear relation problems symbolically, pictorially and graphically. He is able to extrapolate data from a graph and apply this to solve a problem. |

| | | |
|--------------------------------------|--------------------------|--|
| <p>Proportional reasoning</p> | <p>EXTENDING</p> | <p>Albert has a strong spatial awareness that is demonstrated through his ability to draw and communicate a diagram to scale. Albert was given a diagram of an ice rink with dimensions (not drawn to scale) and was able to determine and sketch dimensions for real world use. Albert would benefit from working on scale diagrams of different shapes (e.g., octagonal) to challenge his spatial awareness.</p> |
| <p>Statistics</p> | <p>PROFICIENT</p> | <p>Albert is able to elicit answers to a question through the selection of a viable sample size, identifying any bias', and project results in an accurate way. This was demonstrated through his inquiry project "How many Grade 9 students at PCSS get at least 8 hours of sleep per night?". Albert could strengthen this inquiry by comparing Grade 9 sleep in all Yukon schools to generate conclusions on sleep for Grade 9 students in Yukon.</p> |
| <p>Financial Literacy</p> | <p>PROFICIENT</p> | <p>Albert has demonstrated his ability to create a budget for a proposed event. He was able to adjust the budget to fit within the funds available. Albert used creative and critical thinking to redesign his budget and was still be able to produce a desirable event.</p> |

Overall Proficiency: Proficient

Teacher's Signature: _____