## Scope and Sequence Talentend and Gifted K-5

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| Grade | Big Idea | Unit 1 | Unit 2 | Unit 3 |  |  |  |
| K | Expose students to LML and materials they will use to problem solve | Let Me Learn Characteristics of the Patterns | LEGO Simple builds from Build Cards. 2step directions | STEM Introduction to problem solving and collaboration |  |  |  |
| 1 | Extend knowledge of LML and build upon problem solving skills | Let Me Learn Characteristics of the Patterns and Taught the names of patterns | LEGO Simple builds from Build Cards. 4step directions | STEM Problem solving both in groups and independently |  |  |  |
| 2 | Students are working toward independent activities with little redirection from teacher. Student will embrace their own creative ideas and apply them through LEGO and STEM activities | Let Me Learn Identify the patterns through stations | LEGO Following multiple step directions to build. Intro to simple machines | STEM Planning, Desiging and Preparation with assistance from Teacher on EDP |  |  |  |
| 3 | Identifying the Type of Learner of each student | Let Me Learn Understanding Patterns and Student Groupings | LEGO Introduction to Basic Simple Machines | STEM <br> Introduction to the Engineering and Design Process |  |  |  |
| 4 | Students are able to recognize learning patterns not only in themselves but in peers and teachers | Let Me Learn Learning how to work in stations and identifying learning patterns | LEGO <br> Simple Machines Building upon prior knowledge partner relationships established | STEM Independently Building and Problem Solving using the Engineering and Design Process |  |  |  |
| 5 | Students are able to use their patterns to understand themselves and to problem solve | Let Me Learn Students Create Station | LEGO <br> Higher Level Thinking with using jartner relations ( $A$ and $B$ ) | STEM <br> Students become independent learners utilizing materials and the Engineering and Design Process |  |  |  |
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