**3rd Grade Rubric – Math and Science Everywhere**

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| 3rd Grade | Advanced-  Through my in class work, at home, and my product, I readily explain many examples to show my understanding of this knowledge. I easily make connections to my daily life as well as other concepts I have already learned above a grade level appropriate manner. | Proficient  Through my in class work, at home, and my product, I readily explain several examples to show my understanding of this concept. I easily make connections to my daily life at a grade level appropriate manner. | Beginner  Through my in class work, at home, and my product, I struggle to explain or can only give one or two examples to show my understanding of this concept. Making connections to my daily life is difficult for me. I only give more details when someone else asks me questions. I am not able to apply this knowledge at a third grade level. | In Progress  I have not done the work required to be assessed on this skill. |
| Science |  |  |  |  |
| 3.6 A - I have explored and identified different forms of energy in my daily life. I can give examples of each of these kinds of energy: mechanical, light, sound, and heat/thermal in everyday life. |  |  |  |  |
| 3.6 B – I can demonstrate and have observed how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons. |  |  |  |  |
| 3.6 C – I have observed forces such as magnetism and gravity acting on objects. |  |  |  |  |
|  | **ADV.** | **PRO.** | **BEG.** | **IP** |
| Math |  |  |  |  |
| 3.4C Use models to solve division problems and use number sentences to record the solutions for contexts involving sharing equally and measuring out. |  |  |  |  |
| |  | | --- | | **3.6 C Identify**  **patterns in related**  **multiplication and division sentences (fact families) such as 2 x 3 =6, 3 x 2 =6, 6 ÷ 2 =3, 6 ÷ 3 = 2, etc.** | |  |  |  |  |
| |  | | --- | | **3.4A Learn and**  **apply**  **multiplication facts**  **through 12 by 12**  **using concrete**  **models and objects** | |  |  |  |  |
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| English Language Arts |  |  |  |  |
| 3.13C RS identify explicit cause and effect relationships among ideas in texts; |  |  |  |  |
| 3.17.B develop drafts by categorizing ideas and organizing them into paragraphs\*  3.17.C   revise drafts for coherence, organization, use of simple and compound sentences, and audience  3.17.D  edit drafts for grammar, mechanics, and spelling using a teacher‐developed rubric\*  3.19.A  write about important personal experiences\*  3.20.A  create brief compositions that:\*  (i)  establish a central idea in a topic sentence\*  (ii)  include supporting sentences with simple facts details and explanations\*  (iii)  contain a concluding statement\* |  |  |  |  |