

Elementary Science PMP Matrix (NGSSS)

This matrix below indicates the minimal criteria needed for elementary PMP determination. *Meeting Minimal Criteria* refers to the number of benchmarks in each body of knowledge students need to demonstrate proficiency in to meet the minimal criteria.

Level	Assessments	Meeting Minimal Criteria
Kindergarten	<ul style="list-style-type: none"> •Use Primary Science Minimum Criteria •HMH benchmark and unit assessments •Teacher Observations 	5 out of 5 in The Nature of Science and meeting expectation in the following three areas: 4 out of 6 in Earth/Space; 3 out of 5 in Physical Science; 2 out of 3 in Life Science **Teacher Recommendations
1st Grade	<ul style="list-style-type: none"> •Use Primary Science Minimum Criteria •HMH benchmark and unit assessments •Teacher Observations 	4 out of 4 in The Nature of Science and meeting expectation in the following three areas: 5 out of 7 in Earth/Space; 2 out of 3 in Physical Science; 3 out of 5 in Life Science **Teacher Recommendations
2nd Grade	<ul style="list-style-type: none"> •Use Primary Science Minimum Criteria •HMH benchmark and unit assessments •Teacher Observations 	4 out of 6 in The Nature of Science and meeting expectation in the following three areas: 5 out of 8 in Earth/Space; 8 out of 12 in Physical Science; 3 out of 4 in Life Science **Teacher Recommendations
3rd Grade	<ul style="list-style-type: none"> •Use Intermediate Science Minimum Criteria •HMH benchmark and unit assessments •Teacher Observations 	6 out of 9 in The Nature of Science and meeting expectation in the following three areas: 4 out of 6 in Earth/Space; 7 out of 10 in Physical Science; 4 out of 6 in Life Science **Teacher Recommendations
4th Grade	<ul style="list-style-type: none"> •Use Intermediate Science Minimum Criteria •HMH benchmark and unit assessments •Teacher Observations 	7 out of 10 in The Nature of Science and meeting expectation in the following three areas: 8 out of 11 in Earth/Space; 9 out of 13 in Physical Science; 5 out of 8 in Life Science **Teacher Recommendations
5th Grade	<ul style="list-style-type: none"> •Use Intermediate Science Minimum Criteria •HMH benchmark and unit assessments •FCAT Scores •Teacher Observations 	5 out of 8 in The Nature of Science and meeting expectation in the following three areas: 7 out of 10 in Earth/Space; 9 out of 15 in Physical Science; 3 out of 4 in Life Science **Teacher Recommendations *FCAT Scores above a scale score of 215

**Achievement levels based on FCAT Science Equivalent Scores. Scores should be reviewed but should not be the only determining factor. Achievement Level Descriptions (ALDs) outline the specific student expectations at each grade and subject for each of the five Achievement Levels. The FCAT 2.0 ALDs may be accessed at <http://fcats.fldoe.org/fcat2/alds.asp>, and the EOC assessment ALDs may be accessed at <http://fcats.fldoe.org/eoc/alds.asp>.*

*** Teacher recommendations must always be considered when evaluating student progress. Additional criteria may be considered if the above data is not clear or has mixed indicators (Previous science test scores or classroom performance). The expectation is that The Nature of Science will be emphasized throughout the year and Earth/Space, Physical Science, and Life Science standards will be taught each year as defined in curriculum guides.*