

How to Read the Mathematics and Science Standards Documents

1. Abbreviations for Strands:

| Science | Mathematics |
|-----------------------------|--|
| P – Physical Science | MP = Mathematical Practices |
| L – Life Science | RP – Ratios and Proportional Relationships |
| E – Earth and Space Science | NS – Number Systems |
| S – Scientific Inquiry | EE – Expressions and Equations |
| D- Engineering Design | G – Geometry |
| 1 – Structure and Function | SP – Statistics and Probability |
| 2 – Interaction and Change | |
| 3 – Scientific Inquiry | |
| 4 – Engineering Design | |

2. Each Strand has its own section on the Standards Document.

3. Science Example:

a. My child(ren)'s Progress Report has this written: 8.3S.2

b. What does it mean?

8 = the grade (Eighth Grade)

3 = the strand (Scientific Inquiry)

S = Science Discipline (Scientific Inquiry)

2 = standard number

c. Ok, now what do I do?

1. Go to Eighth Grade
2. Open the Science Standards

3. Scroll down to 8.3 (Scientific Inquiry)
4. Find Standard #2

d. That is the standard being assessed on the assignment that reads 8.3S.2.

3. Mathematics Example:

a. My child(ren)'s Progress Report has this written: 6.NS.4

b. What does it mean?

6 = the grade (Sixth Grade)

NS = the strand (Number Systems)

4 = the standard number

c. Ok, now what do I do?

1. Go to Sixth Grade
2. Open the Mathematics Standards
3. Scroll down to Number Systems
4. Find Standard #4

d. That is the standard being assessed on the assignment that reads 6.NS.4.