

# **2017 Science Board Report**

Submitted by Shawn Perkins, Science Chair

The Unity Science Committee would like to update the School Board on the overall status of our student's progress on the MAP tests in Science. MAP, or the Measure of Academic Progress, is a computerized adaptive test which helps teachers, parents, and administrators improve learning for all students and make informed decisions to promote a child's academic growth. MAP Growth reveals how much growth has occurred between testing events and, when combined with national norms, shows projected proficiency. Educators can track growth through the school year and over multiple years.

## **Learning Made Visible**

**MAP® Growth™** measures what students know and informs what they're ready to learn next. By dynamically adjusting to each student's performance, MAP Growth creates a personalized assessment experience that accurately measures performance — whether a student performs on, above, or below grade level. Timely, easy-to-use reports help teachers teach, students learn, and administrators lead.

The Science Committee's focus this year will be to identify curriculum strengths and areas of focus. The following tables show recent RIT GROWTH for the grade level from Fall to Spring in each area - note that ALL areas show growth.

<b><u>Grade</u></b>	<b><u>Physical Science</u></b>	<b><u>Earth and Space Science</u></b>	<b><u>Life and Environmental Science</u></b>
3	3.9	8.0	4.1
4	4.9	4.6	5.4
5	1.5	6.6	3.1
6	6.2	5.7	8.5
7	3.1	2.8	2.2
8	4.2	6.2	2.0
9	3.8	4.2	2.1
Ave. growth	3.9	5.4	3.9

<u>Grade</u>	<u>Nature of Science, Connections</u>	<u>Science Inquiry</u>
3	3.1	2.7
4	3.4	4.6
5	4.8	7.3
6	5.2	4.4
7	3.9	3.1
8	2.2	3.1
9	2.6	2.8
Ave. growth	3.6	4

Looking at the overall MAP progress, Unity students are making significant improvements in Earth & Space Science and Science Inquiry. Areas that Unity students are making above average growth include: Physical Science, Life & Environmental Science, and Nature of Science.

Throughout this year's upcoming inservice dates, the science committee will break down each individual area into the Scope and Sequence covered in each grade level's Atlas Curriculum Map. By using both the MAP scores and the Atlas Curriculum map, the committee members will be able build upon the Wisconsin State Standards and cover each standard at the "mastery" level by the time our students are in high school.

The science committee would like to thank the School Board for it's continued support of inservice days that allow the committees to break down the students progress with the goal of better meeting all of our students needs.