



## SAMPLE MATERIAL

### Student Goal-Setting Worksheet

Jacob Hiatt Magnet School, Massachusetts

**Topic:** Using Student Achievement Data to Support Instructional Decision Making

**Practice:** Student Use of Data

Teachers at Jacob Hiatt Magnet School use the *Student Goal-Setting Worksheet* with all students in grades 3-6. Three times each year, these students take the Measures of Academic Progress (MAP) benchmark assessment in reading and math. Student results are used as a predictor for the statewide Massachusetts Comprehensive Assessment System (MCAS).

The MAP test provides a measurement of student progress called a RIT<sup>1</sup> score. Teachers meet with students individually to discuss progress and to set a RIT score goal for the next MAP. They then record their goals on this worksheet, which includes a chart indicating the predicted correlation between the RIT and MCAS scores. For example, a score of 174 in the fall assessment predicts a student falling in the “Needs Improvement” range on the MCAS.

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<sup>1</sup> RIT stands for Rasch Unit, which is a unit of measure that uses individual item difficulty values to estimate student achievement. RIT scores create an equal interval scale. Equal interval means that the difference between scores is the same regardless of whether a student is at the top, bottom or middle of the RIT scale, and it has the same meaning regardless of grade level.

To help students see their progress, MAP results are tracked on data boards displayed in hallways throughout the school. Data boards use personalized decorative icons rather than names to display scores. For example, sixth-grade students designed race cars on a data board made to look like a race track. The names and scores are not visible so each student can anonymously compare their progress with other students.

Teachers may wish to design a similar goal sheet as they establish strategies for helping students use their own data to set learning goals.

To learn more about how teachers at Hiatt use data boards, watch *Data Boards Help Students Set Learning Goals, Part 1*. To view a conversation between a teacher and student modeling the goal-setting process, view *Data Boards Help Students Set Learning Goals, Part 2*.

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# Student Goal Setting Worksheet

## 3rd grade

Student Name \_\_\_\_\_

Teacher \_\_\_\_\_

**Spring 2008 MCAS Scores**

Reading \_\_\_\_\_

Math \_\_\_\_\_

**Fall 2008:****Reading:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points

### NWEA Fall RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	208	194	174	173
Math	215	198	187	186

**Winter 2009:****Reading:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points.

I will do my best to raise my score by \_\_\_\_\_ points.

### NWEA Winter RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	211	197	178	177
Math	221	202	191	190

**Spring 2009:****Reading:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

### NWEA Spring RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	214	201	182	181
Math	228	207	196	195

# Student Goal Setting Worksheet

## 4<sup>th</sup> grade

Student Name \_\_\_\_\_

Teacher \_\_\_\_\_

Spring 2008 MCAS Scores

Reading \_\_\_\_\_

Math \_\_\_\_\_

**Fall 2008:****Reading:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points

### NWEA Fall RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	222	206	187	186
Math	221	211	196	195

**Winter 2009:****Reading:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points.

I will do my best to raise my score by \_\_\_\_\_ points.

### NWEA Winter RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	225	208	190	189
Math	226	214	199	198

**Spring 2009:****Reading:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

### NWEA Spring RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	228	211	193	192
Math	231	220	202	201

# Student Goal Setting Worksheet

## 5<sup>th</sup> grade

Student Name \_\_\_\_\_

Teacher \_\_\_\_\_

**Spring 2008 MCAS Scores**

Reading \_\_\_\_\_

Math \_\_\_\_\_

**Fall 2008:****Reading:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points

### NWEA Fall RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	224	208	188	187
Math	228	218	205	204

**Winter 2009:****Reading:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points.

I will do my best to raise my score by \_\_\_\_\_ points.

### NWEA Winter RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	226	210	191	190
Math	232	222	208	207

**Spring 2009:****Reading:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

### NWEA Spring RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	228	212	194	193
Math	236	226	211	210

## Student Goal Setting Worksheet

### 6<sup>th</sup> grade

Student Name \_\_\_\_\_

Teacher \_\_\_\_\_

Spring 2008 MCAS Scores

Reading \_\_\_\_\_

Math \_\_\_\_\_

**Fall 2008:****Reading:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

I will do my best to raise my score by \_\_\_\_\_ points

#### NWEA Fall RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	229	210	193	192
Math	236	224	213	212

**Winter 2009:****Reading:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points

I will do my best to raise my score by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_ changed by \_\_\_\_\_ points.

I will do my best to raise my score by \_\_\_\_\_ points.

#### NWEA Winter RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	231	212	195	194
Math	240	227	215	214

**Spring 2009:****Reading:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

**Mathematics:** RIT score \_\_\_\_\_

From Fall 2008 to Spring 2009 my RIT score changed by \_\_\_\_\_ points.

#### NWEA Spring RIT Score MCAS Predictor

Subj	Adv	P	NI	W
Rdg	233	214	197	196
Math	244	231	218	217