

SSIS 읽고 쓰기와 수학 프로그램

Showcasing our new programs

October 2021



우리는 매일 우리의 사명, 비전, 약속을 실천합니다.

사명

외국인 가족의 자녀들에게 우수한 국제 교육을
제공합니다.

비전

학생들이 다른 문화를 존중하며 국제 사회에서 책임감
있고 의미 있는 참여자가 되도록 자기 동기 부여를
하며 평생 학습자가 되도록 격려하고 지원합니다.

약속

지속적 성장에 대한 높은 기대를 가지고 21세기
커뮤니티에서 탁월한 능력 보여줄 수 있는 자신을
수용하고 타인에 대한 연민을 가지며 다양한 세계에서
제공되는 모든 기회를 받아들일 수 있는 능력을 갖춘
변창하는 학생을 양성합니다.



이번 학년도 새로운 변화는?

- Teachers College Readers and Writers Workshop
영어: KG - G8
- Reveal Math 수학: KG - G10
- MAP 테스트 (Reading and Mathematics) 성장 평가
(읽기와 수학): G2 to G10



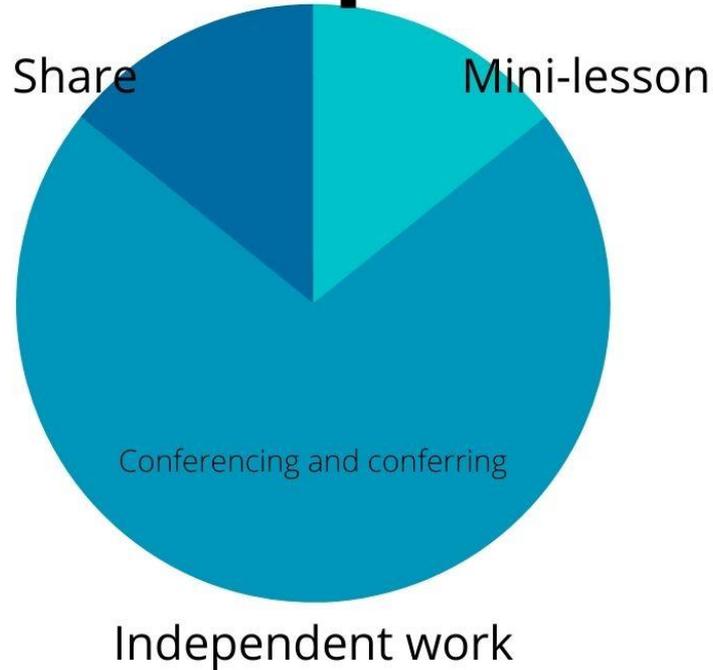
이유는?

- 공평성과 접근성
- 일관성과 연속성
- 표준 확립
- 학년과 학과별 진행
- 우수 사례 지원
- 차별화 지원



Teachers College Writers and Readers Workshop은 무엇입니까?

Workshop model



이 접근 방식은 모든 학습자의 요구를 어떻게 지원합니까?

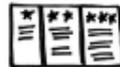
- 학생의 요구와 선택
- 학생들의 수준에 적합한 작업을 합니다
- 교사는 기술을 개발하고 확장하기 위해 개인 또는 그룹으로 지도합니다

Small Group Possibilities

Small Group Read Aloud with Discussion



Self-assessment with learning progressions



Strategy Group: explain and give an example, coaching kids in their books



Strategy Group: guided practice, coaching kids in their books



Guided Reading



What does this look like at SSIS?

SSIS에서는 어떻게 진행되니까?



내 아이가 읽고 쓰기에서 무엇을 배우고 있는지 어떻게 알 수 있습니까?

학생들은 글쓰기에서 세 가지 주요 글 유형을 탐구합니다:

서술, 정보, 설득 (에세이/의견/논증)

읽기에서 학생들은 학년 수준에서의 소설과 비소설을 모두 탐구합니다.

자세한 내용은 아래 사항이 포함된 학교 웹사이트에 확인하실 수 있습니다:

- Writers and Readers workshop의 포괄적 개요
- 학년별 단원 개요
- 쓰기 진행 과정

LINK

저희가 수학에서 믿고 있는 것은?

NCTM에 따르면 7가지 효과적인 수학 교수법은 다음과 같습니다:

- 학습에 집중하기 위한 수학 목표 설정
- 추론과 문제 해결을 촉진하는 과제를 수행합니다
- 수학적 표현을 사용하고 연결합니다
- 의미 있는 수학적 토론을 촉진합니다
- 목적이 있는 질문을 합니다
- 개념적 이해를 통해 과정적 유창성을 구축합니다
- 수학 학습에서 생산적인 도전을 지원합니다
- 학생 사고의 증거를 도출하고 사용합니다

Reveal Math ≙?



Reveal Math ≡?



숫자 규칙과 게임이 자녀의 학습에 어떻게 도움이 됩니까?



Be Curious

Which doesn't belong?

1, 2, 4, 8, 16, ...

14, 12, 10, 8, 6, ...

7, 9, 11, 13, 15, ...

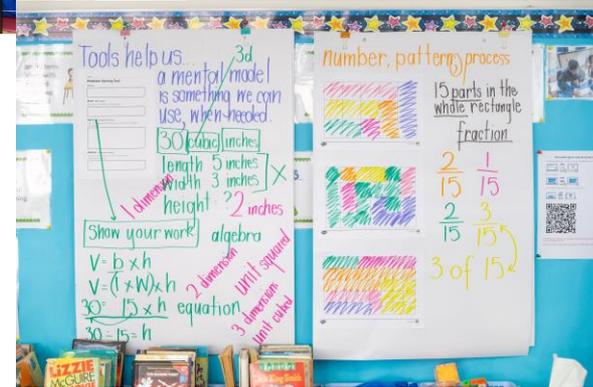
0, 4, 8, 12, 16, ...

▶ Math is...

Mindset

What does this look like at SSIS?

SSIS에서는 어떻게 진행되니까?



내 아이가 수학에서 무엇을 배우고 있는지
어떻게 알 수 있습니까?

아래 사항이 포함된 학교 웹사이트를 확인해 주시기 바랍니다:

- Reveal Math 프로그램의 개요
- 기준과의 상관 관계
- 모든 학년 수준에 대한 범위와 순서 자료

LINK

읽고 쓰기와 수학의 평가는?

읽고 쓰기

- PM 읽기 수준
- TCWR 평가를 사용한 지속적인 읽기와 쓰기 평가
- MAP 데이터

수학

- 평가 도구와 기회가 프로그램에 포함
- MAP 데이터

SSIS의 학업 성취도 측정

영어와 수학 - 2학년-10학년 - 가을과 봄



시간 경과에 따른 성장 측정

map GROWTH



학생 개개인에 맞춤

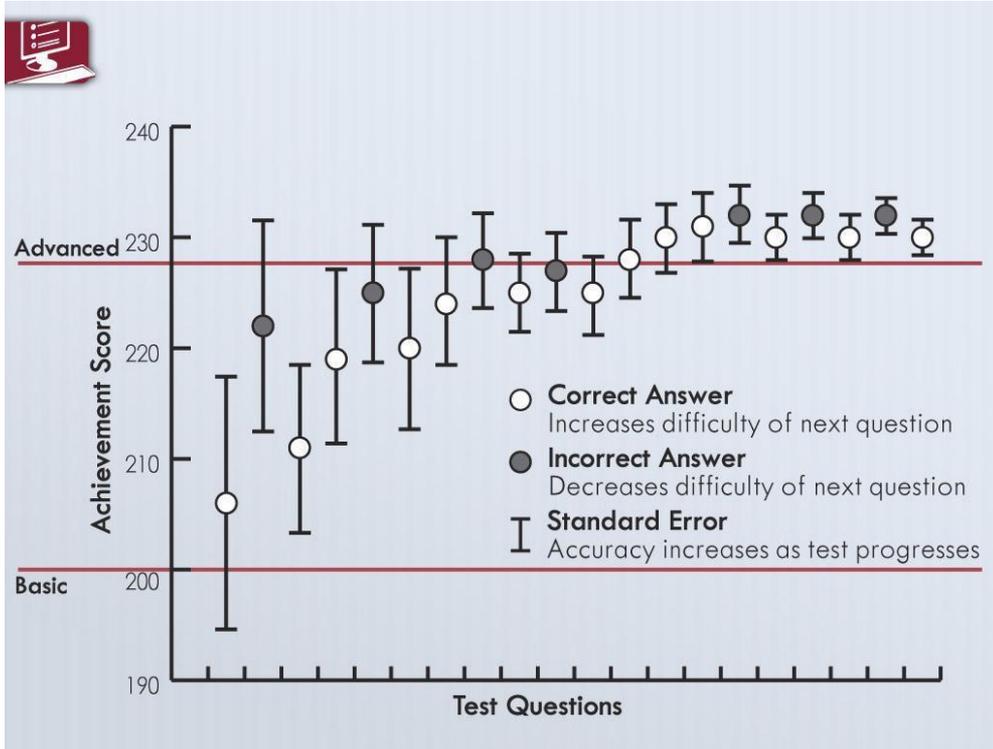
nwea Professional Learning



지시사항 안내

MAP 평가를 선택하는 이유?

- 전 세계적으로 900만명의 학생이 시험을 쳤으며, 아시아 및 전 세계 최고의 국제학교에서 광범위하게 사용됨
- 학생 자신의 비교
- 학년 수준에 관계없이 현재 및 시간 경과에 따른 학생의 성취도를 측정하도록 설계
- 컴퓨터 적응형
- 시간 제한 없음
- 학교 자체 일정에 따라 제공
- 즉각적인 결과 제공
- 교사는 각 학생의 새로운 학습 준비 상태에 대한 광범위한 정보를 제공 받음
- 전체 프로그램의 효능을 특정 요소까지 분석하는데 사용



컴퓨터 적응형 ZPD

NWEA 제공

Learning Continuum - Class View
MAP: Math 6+ Common Core 2010 V2

Edit Display Options

Operations and Algebraic Thinking

Expressions and Equations

[191-200](#)

- Calculates unit rates
- Completes complex conversions of more than two units of time
- Completes simple conversions of customary units of capacity
- Completes simple conversions of customary units of length
- Completes simple conversions of customary units of weight
- Completes simple conversions of units of time
- Determines missing values in tables representing proportional relationships
- Solves for a missing value in a proportion
- Solves one-step capacity word problems involving whole number multiplication or division
- Understands time interval concepts: quarter to, half past, etc.
- Uses a given unit rate to solve a one-step real-world problem
- Uses tables to represent real-world relationships described by a given unit rate
- Writes equivalent fractions

Natali, Devin
Overall RIT: 204
Goal Range: 189-198

[201-210](#)

- Calculates percents of numbers
- Calculates unit rates
- Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
- Completes complex conversions of more than two units of time
- Completes simple conversions of customary units of capacity
- Completes simple conversions of customary units of length
- Completes simple conversions of customary units of weight
- Completes simple conversions of units of time
- Converts between percents and fractions
- Converts between percents and ratios expressed verbally or in the form a:b
- Converts units of length between the customary and the metric systems
- Determines missing values in tables representing proportional relationships
- Identifies the ratio between two quantities

Alvarez, Simone
Overall RIT: 207
Goal Range: 198-210

Bedran, Oliver
Overall RIT: 210
Goal Range: 201-211

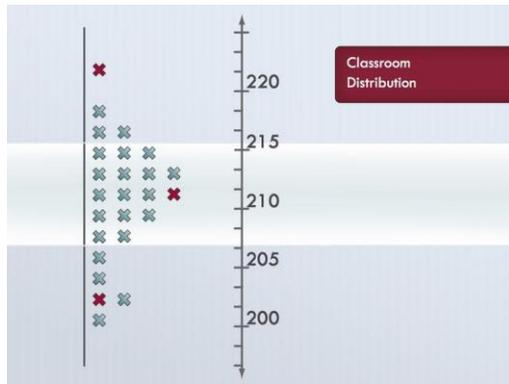
학습 연속체 -
교사가 MAP을
사용하여
지침을
안내하는 방법

RIT:

1. An equal interval scale (like height)

2. Framework by which we measure student growth.

3. RIT range is a span of 10 points - statistical possibility for error 3 points each direction



RIT 점수는
무엇입니까
?

Student Goal Setting Worksheet



Student Goal Setting Worksheet

Carter, Jasmine
Student ID: 889905

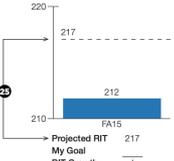
Term Tested: Fall 2015–2016
District: NWEA Sample District 3
School: St. Helens Middle School

1 Norms Reference Data: 2015

2 Growth Comparison Period: Fall 2015–Spring 2016
Start – 4 (Fall 2015)
End – 32 (Spring 2016)

3 Weeks of Instruction:

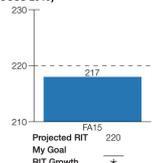
Mathematics (Growth: Math 6+ CCSS 2010 V2)



	FA15	
Overall RIT Score	212	12
Goal Performance		
Real and Complex Number Systems	211–229	13
Algebraic Thinking	212–228	14
Statistics and Probability	209–215	15
Geometry	201–215	17

Student Action Plan:

Reading (Growth: Reading 6+ CCSS 2010)



	FA15	
Overall RIT Score	217	
Goal Performance		
Literature	210–222	
Informational Text	209–216	
Vocabulary Acquisition and Use	212–220	16
Lexile® Range	807–857L	

Student Action Plan:

- 1 Norms reference data: Indicates which NWEA norming study your report data draw upon.
- 2 Growth comparison period: The two terms for which you wish to receive student growth data.
- 3 Weeks of instruction: The number of instructional weeks before testing, as set by your school or district administrator.
- 11 Goal performance area or instructional area: A learning area (e.g., geometry) within a subject (e.g., math). On the Class Breakdown by Goal Report, click the instructional area to access the Learning Continuum Class View.
- 12 RIT score: A student's overall scale score on the test for a given subject.
- 13 Lexile: A measure of the text complexity that helps you identify level-appropriate reading material for individual students.
- 14 Area of relative strength: Chosen relative to the whole subject score, plus or minus the standard error. Relative strengths appear in bold in the Class Report.
- 15 Area of relative weakness or suggested area of focus: Chosen relative to the whole subject score, plus or minus the standard error. Relative weaknesses appear in italics in the Class Report.
- 25 Projected RIT or RIT projection: The predicted future score for a student who makes typical growth based on NWEA national growth norms. Projections take into account the student's initial score, grade level, and time between tests.

가을 결과를 공유하는 방법

11월 19일 까지
이메일을 통해

Student Goal Setting Worksheet



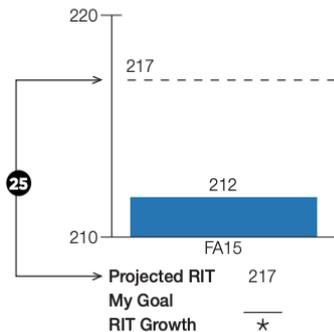
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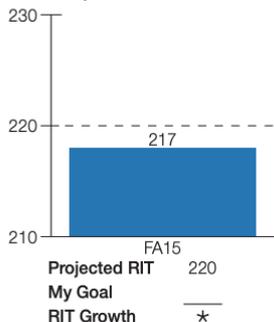
Mathematics (Growth: Math 6+ CCSS 2010 V2)



	FA15	
Overall RIT Score	212	12
Goal Performance		
Real and Complex Number Systems	211–225	16
Algebraic Thinking	212–226	16
11 Statistics and Probability	198–211	17
Geometry	201–215	17

Student Action Plan:

Reading (Growth: Reading 6+ CCSS 2010)



	FA15	
Overall RIT Score	217	
Goal Performance		
Literature	210–222	
Informational Text	203–215	
Vocabulary Acquisition and Use	218–230	
Lexile® Range	807–957L	15

Student Action Plan:

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봄 결과 공유 - 예상 성장률과 2개의 데이터 포인트

2022년 4월 중순

Family Report

map GROWTH
Shelley Jones
 Fall 2020 Family Report

Page 1
 ID: 510580 | Grade: 5
 Mesa Verde Elementary School

What is this report? A summary of how your child is performing academically, as measured by the most recent MAP Growth test.

What is MAP Growth? A test that adapts to your child's responses in real time to measure your child's skill level.

Why is my child taking MAP Growth? MAP Growth scores help teachers check student performance by measuring Achievement and Growth. Teachers use results to tailor classroom lessons and to set goals for students.

What do Achievement and Growth mean?
Achievement—How well your child has learned skills in a subject compared to similar students nationwide.*
Growth—A measure of your child's personal progress over the year.

What is a RIT score? The overall score for a subject based on a Rasch unit (RIT) scale that indicates how your child performed in a subject.

*Similar students — kids with same starting RIT score, same number of weeks of instruction, and in the same grade

Mathematics

Low Average Achievement 38th Percentile

Year	Shelley	National Average Achievement
Spring '19	200	185
Fall '19	194	185
Winter '20	199	185
Spring '21	212	185
Fall '21	204	185

Shelley's overall score (RIT score) was a 204 on a range of 100-356. Your child is in the 38th percentile, which means they scored better than 38% of their peers.

Average Growth 55th Percentile

Your child's growth from Fall 2019 to Fall 2021 is in the 55th percentile, which means they made more progress than 55% of their peers.

Shelley is likely to be:

- Below Standards on the NWEA Generic Linking Study (if taken in Spring 2021)
- Not On Track on the ACT College Readiness (if taken in Spring 2021)
- Not On Track on the SAT (if taken in Spring 2021)

Reading

Low Achievement 18th Percentile

Year	Shelley	National Average Achievement
Spring '19	183	175
Fall '19	181	175
Winter '20	182	175
Spring '21	189	175
Fall '21	189	175

Shelley's overall score (RIT score) was a 189 on a range of 100-326. Your child is in the 18th percentile, which means they scored better than 18% of their peers.

Average Growth 50th Percentile

Your child's growth from Fall 2019 to Fall 2021 is in the 50th percentile, which means they made more progress than 50% of their peers.

Shelley is likely to be:

- Below Standards on the NWEA Generic Linking Study (if taken in Spring 2021)
- Not On Track on the ACT College Readiness (if taken in Spring 2021)
- Not On Track on the SAT (if taken in Spring 2021)

Language Usage

High Achievement 92nd Percentile

Year	Shelley	National Average Achievement
Spring '19	220	195
Fall '19	218	195
Winter '20	216	195
Spring '21	226	195
Fall '21	224	195

Shelley's overall score (RIT score) was a 224 on a range of 100-350. Your child is in the 92nd percentile, which means they scored better than 92% of their peers.

Average Growth 59th Percentile

Your child's growth from Fall 2019 to Fall 2021 is in the 59th percentile, which means they made more progress than 59% of their peers.

Shelley is likely to be:

- Advanced on the NWEA Generic Linking Study (if taken in Spring 2021)

Science - General Science