

Math Interventions: A School- Wide Approach

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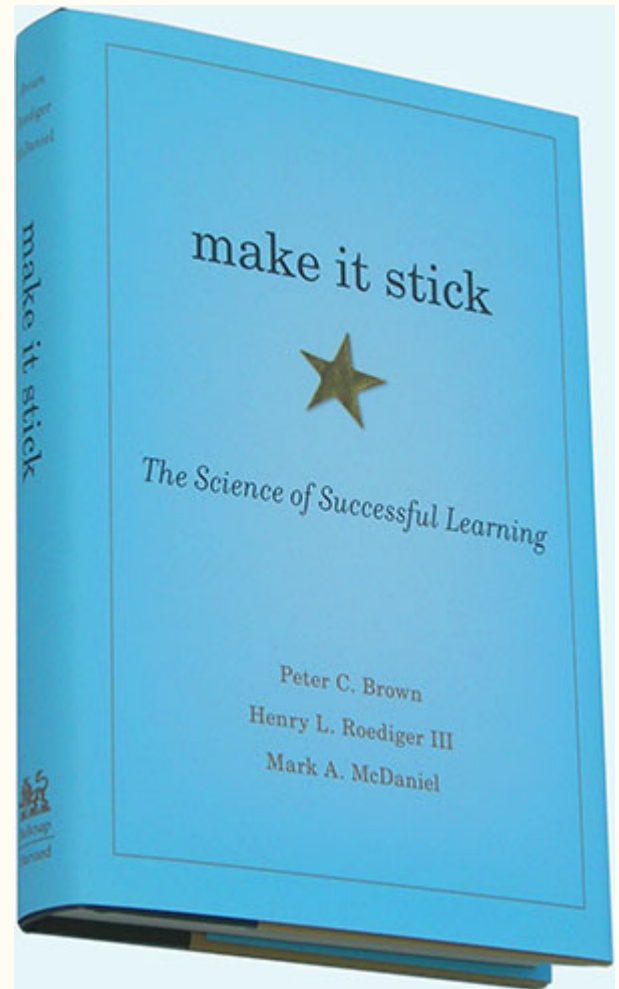
Chapman High School

Chapman, Kansas



Resources

- MTSS training (BLT days)
- DuFour PLC Training
 - Ensuring that students learn
 - A culture of collaboration
 - A focus on results
- Make It Stick by Peter C Brown
- MTBoS

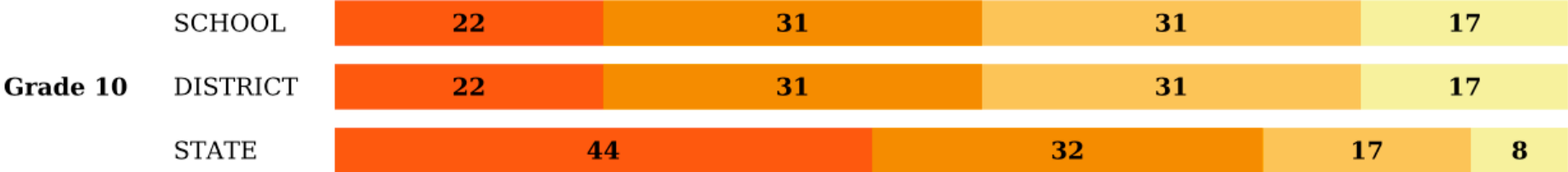


Results

Percentage of Students in Each Performance Level, by Grade

Level 1 Level 2 Level 3 Level 4

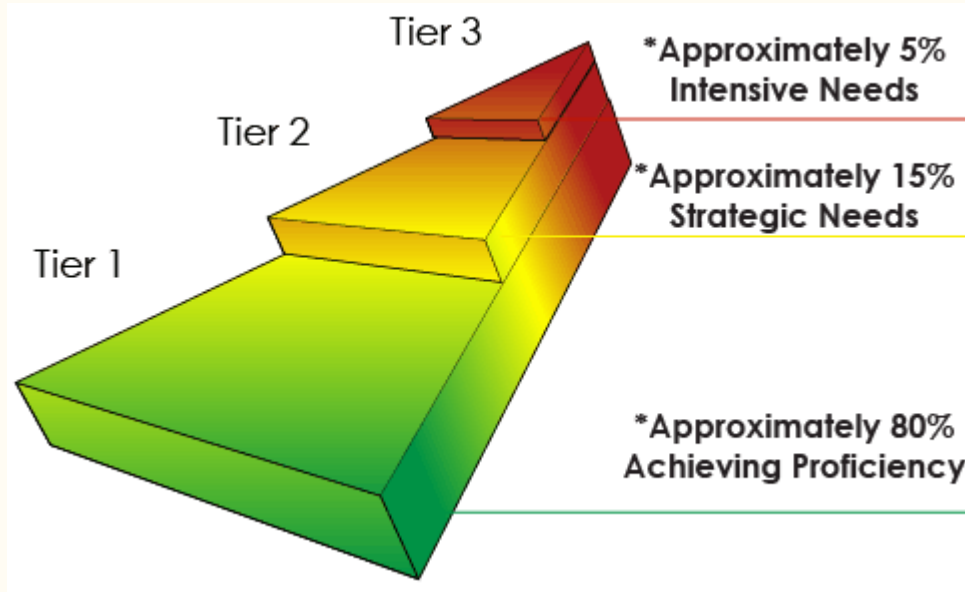
Percentages may not add to 100% because of rounding.



Our Approach

- District Level (MTSS)
- School Level (Irish Hub)
- Classroom Level (Individual Strategies)

MTSS Structure



➤ Opportunity Room

➤ Math Lab

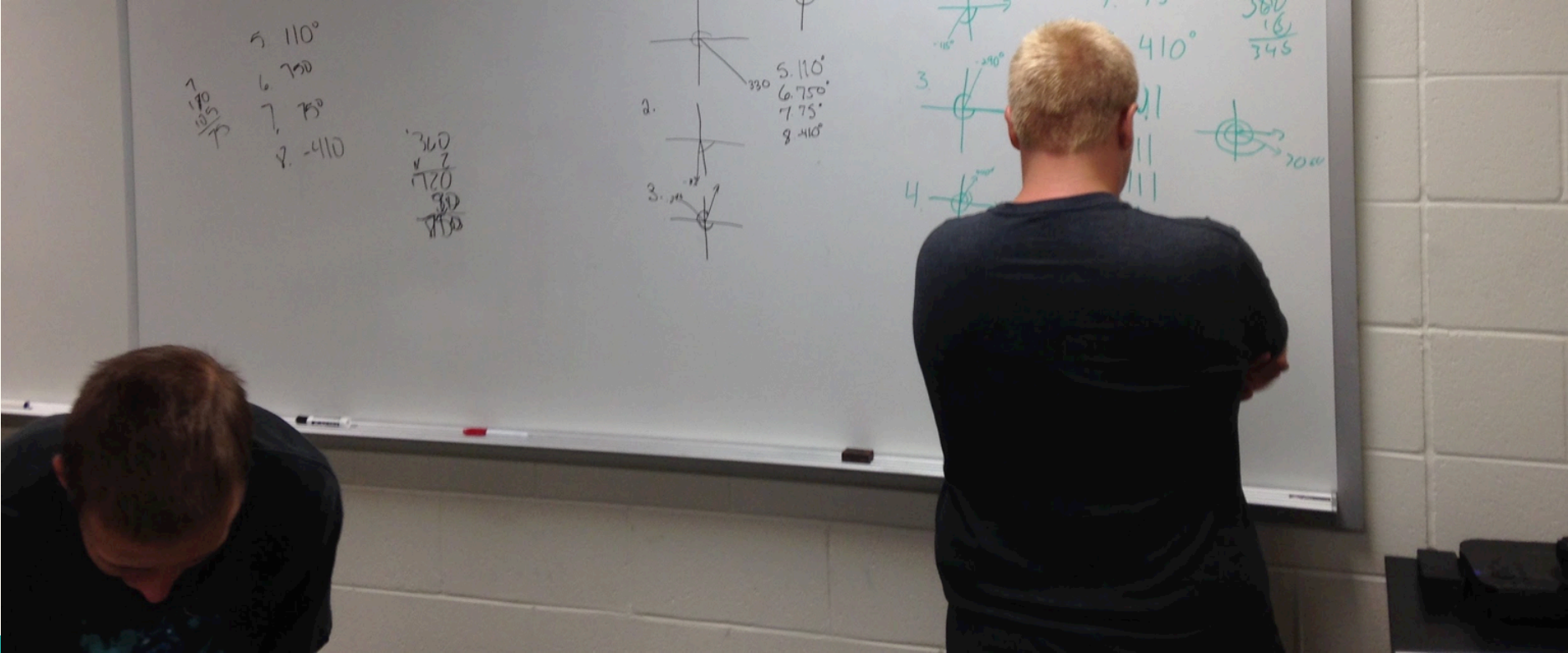
➤ Core Classroom

Tier Placement

| C | D | E | F | |
|-------------|-----------|-------------|------------|----|
| Spring 2017 | FALL 2017 | WINTER 2017 | Sprin 2018 | av |
| 860 | 760 | 898 | 641 | |
| | | 724 | 654 | |
| 722 | 716 | 757 | 736 | |
| | | | 736 | |
| | 799 | 781 | 744 | |
| 802 | 747 | 741 | 748 | |
| 772 | 754 | | 769 | |
| | not taken | 797 | 797 | |
| 803 | 820 | 877 | 803 | |
| 830 | 810 | 831 | 806 | |
| | not taken | 841 | 820 | |
| 770 | 801 | 780 | 821 | |

Lab/Opp Room

Fundamentals!!!



Irish Hub (tutoring/ testing center)

- Schedule
- Seperate Rooms for Testing & Tutoring
- Tutors & Staff

Regular Bell Schedule

1st **8:18 - 9:05**

2nd **9:09 - 9:56**

3rd **10:00 - 10:47**

4th **10:51 - 11:38**

5th **11:42 - 12:59**

1st Lunch: 11:42 - 12:12

2nd Lunch: 12:29 - 12:59

6th **1:03 - 1:50**

7th **1:54 - 2:41**

Advisory **2:45 - 3:25**

Tutoring Center

| Days | Room | Student Name | Subject | Description of Learning Target & Task | Referral Teacher |
|----------|--------|--------------|-------------|--|------------------|
| MONDAY | x | | Math 3 | Help with skill #305 - Solving Quadratics (any method) - There is an extra practice in Google Classroom (Please send to Mrs. Hibbs' room to reassess when he is ready) | Hibbs |
| TUTORING | x | | Math 3 | Help with skill #305 - Solving Quadratics (any method) - There is an extra practice in Google Classroom (Please send to Mrs. Hibbs' room to reassess when he is ready) | Hibbs |
| Oct 9 | absent | | Math 3 | Help with skill #305 - Solving Quadratics (any method) - There is an extra practice in Google Classroom (Please send to Mrs. Hibbs' room to reassess when he is ready) | Hibbs |
| | absent | | Math 3 | Help with skill #305 - Solving Quadratics (any method) - There is an extra practice in Google Classroom (Please send to Mrs. Hibbs' room to reassess when he is ready) | Hibbs |
| | x | | English I | Help with Quickwrites | Acheson |
| | | 304 | | Help with Quickwrites | Acheson |
| | x | | English I | Help with Quickwrites | Acheson |
| | x | | English I | Student requested time to "catch up" | Frieze |
| | x | | English III | Gatsby--Reading Check 1-9 | Smith |
| | x | | English III | Gatsby--Reading Check 7-9 | Smith |
| | x | | English II | Reading, complete study guides (3/4 and 5/6) | Frieze |
| | x | | English III | Gatsby--In Class Essay Exam | Smith |
| | x | | English III | Gatsby--In Class Essay Exam | Smith |
| | abs | | English III | Gatsby--Reading Check 7-9 | Smith |
| | x | | English III | Gatsby--Reading Check 7-9 | Smith |
| | x | | English III | Gatsby--Reading Check 7-9 | Smith |
| | | 304 | English II | A Separate Peace: reading, study guides | Frieze |
| | x | | English II | A Separate Peace: reading, study guides | Frieze |
| | | | | Complete L.6 Grammar notes (Classroom). Use Sentence Guidebook. Please confer with him | |

Testing Center

| Days | Room | Student Name | Subject | Description of Learning Target & Task | Referral Teacher |
|----------------|---------|--------------|------------------|---------------------------------------|------------------|
| TUESDAY | | | | | |
| TESTING | x | | Math3a | Skill #313 for reassessment | Gruen |
| Nov. 7 | x | | Math3a | Skill #313 for reassessment | Gruen |
| | x | | Math3a | Skill #313 for reassessment | Gruen |
| | x | | Chemistry | 3.1 Math Test | Diercks |
| | no show | | Chemistry | 3.1 Math Test | Diercks |
| | X | | English I | 2 make-up quizzes (paper copy) | Frieze |
| | X | | English I | 2 make-up quizzes (paper copy) | Frieze |
| | X | | English I | 2 make-up quizzes (paper copy) | Frieze |
| | absent | | Math 3 | Assessment | Hibbs |
| | no show | | Math 3 | Assessment | Hibbs |
| | no show | | US History | Make up assessment | Foster |
| | X | | Physical Science | Unit 2 Test corrections | Quiring |

Hub Feedback for Teacher

Irish Hub Tutoring Follow-Up

* Required

Tutoring Student: *

Your answer

Tutor Name: *

Your answer

Referring Teacher Name: *

Choose

Subject/Learning Target: *

Your answer

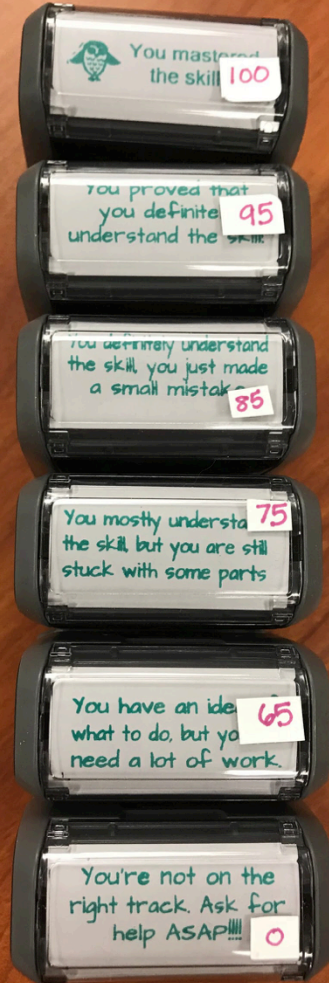
The tutor felt the student was able to: *

- Do it on own
- Do it with some help
- Do it with a lot of help
- Still needs help

Tutor Comments *

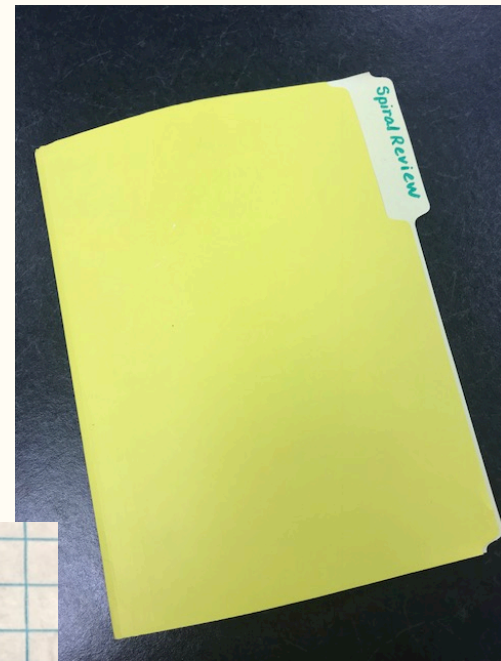
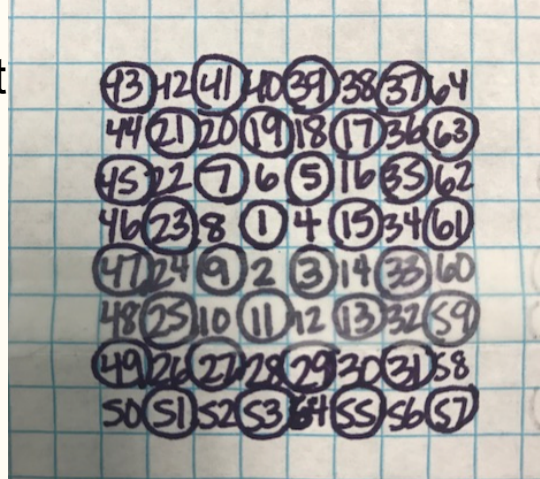
Your answer

Standards-Based Grading



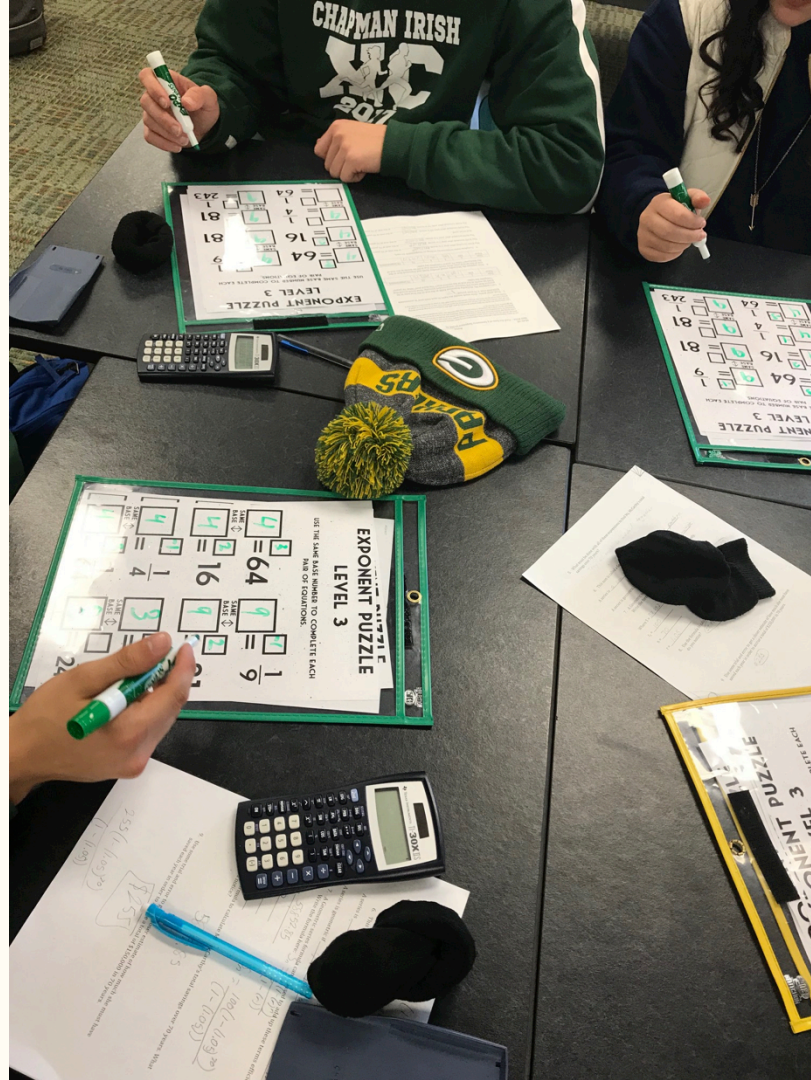
Classroom Strategies

- Spiraling
- Retention Questions on Every Test



Classroom Strategies

- Group Completion with White Boards
- Green Star



Classroom Strategies

- Bell Work/Warm Up
- Minimal/No Homework

