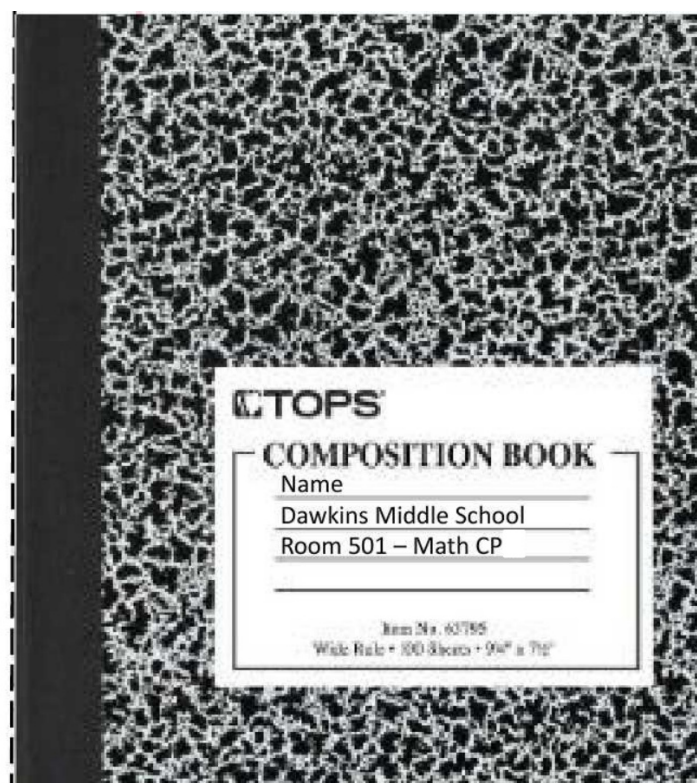


Use  
permanent  
marker on  
cover

Instructions in **RED** are not to be copied



Glue handout from Mrs. Darstein on this page.



ISN Guidelines

Your Cover page – Colorfully Decorate this Page to represent you or your interests.

*Graded!!*

**Finished?  
Bring to Mrs.  
Darstein for grading.**

## ISN Set Up

1. Left pages are always Odd Numbered
2. Right pages are always Even Numbered
3. Note pages contain:
  - Module-Topic-Lesson Number and title
  - Date
  - Textbook page numbers
  - "I can" statement

## Classroom Expectations

1. Respect others, your school, and yourself.
2. Be prepared for class: ISN, Textbook, Pencil, a "can do" Attitude.
3. No eating in classroom, water bottles are allowed.
4. Be on time.
5. Sit on chairs or carpeted area.
6. Do YOUR Best!
7. Lights OUT – All STOP!!!

## Classroom Materials

1. Only use your assigned computers or calculator.
2. Report any malfunctions Immediately.
3. Turn off computers using Start>Shut Down option.
4. At the end of every class:
  - Textbooks, ISN, & Glossary stay in class
  - Return materials to their correct location
  - Pick up any scrapes from floor

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## Grading

**Major Assessments - 40%**  
**Minor Assessments - 30%**  
**Classwork - 30%**

90-100 A

80-89 B

70-79 C

60-69 D

Below 60 - F

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## Glue district Calendar from Mrs. Darstein

2018							2019						
<b>JULY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							<b>JANUARY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31						
<b>AUGUST</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							<b>FEBRUARY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28						
<b>SEPTEMBER</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30							<b>MARCH</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31						
<b>OCTOBER</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							<b>APRIL</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30						
<b>NOVEMBER</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30							<b>MAY</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31						
<b>DECEMBER</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							<b>JUNE</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30						

**2018-2019 CALENDAR**

**AUGUST 2018**  
 13-17 Staff Development Days  
 20 First Day of School

**SEPTEMBER**  
 3 Labor Day Holiday (All Schools)  
 17 Intern Reports (All Schools)

**OCTOBER**  
 17 End of 1st Grading Period  
 19 Report Cards  
 22 End of 45 Days  
 26 Staff Development/Make-Up Day

**NOVEMBER**  
 16 Election Day Holiday  
 16 Intern Reports (All Schools)  
 21-23 Thanksgiving Holidays

**DECEMBER**  
 21 End of 1st Semester (All Schools)  
 Half Day (All Students)  
 24-31 Christmas/Winter Holidays (Teachers & Students)

**JANUARY 2019**  
 1-3 New Year's/Winter Holidays  
 Staff Development/Make-Up Day  
 4 Students Return  
 Report Cards Issued (All Schools)  
 14 End of 90 Days  
 21 Martin Luther King Jr. Holiday

**FEBRUARY**  
 8 Intern Reports (All Schools)  
 18 Staff Development/Make-Up Day

**MARCH**  
 15 End of 3rd Grading Period  
 18 Report Cards Issued  
 20 End of 135 Days  
 29 Staff Development/Make-Up Day

**APRIL**  
 Spring Holidays  
 26 Intern Reports (All Schools)

**MAY**  
 27 Memorial Day Holiday  
 30 Half Day for Students  
 31 Last Student Day/Half Day  
 Report Cards Issued

**JUNE**  
 3 Staff Development/Make-up Day

**Holidays**  
 Teacher Workday  
 { } First and Last Day of School

Days not listed due to inclement weather will be made up on the following teacher interview date: January 6, February 8, and March 20. Additional inclement weather days will be addressed as needed.

V

## Glue Course Outline

### Key 8th Grade Concepts

The Number System  
 Functions  
 Expressions, Equations, and Inequalities  
 Geometry and Measurement  
 Data Analysis, Statistics, and Probability

### Course of Study

#### Module 1: Transforming Geometric Objects

Topic 1: Rigid Motion Transformations  
 Topic 2: Similarity  
 Topic 3: Line and Angle Relationships

#### Module 2: Developing Function Foundations

Topic 1: From Proportions to Linear Relationships  
 Topic 2: Linear Relationships  
 Topic 3: Introduction to Functions  
 Topic 4: Patterns in Bivariate Data

#### Module 3: Modeling Linear Equations

Topic 1: Solving Linear Equations  
 Topic 2: Systems of Linear Equations

#### Module 4: Expanding Number System

Topic 1: The Real Number System  
 Topic 2: Pythagorean Theorem

#### Module 5: Applying Powers

Topic 1: Exponents & Scientific Notation  
 Topic 2: Volume of Curved Figures

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1 of 4

Table of Contents  
2 of 4

Date	Content	Page(s)
8/23	Resources + Password	1+2
<del>8/23</del>	MITI - Rigid Transformations	3+4
8/28	Topic 1 - Congruent Figures	5+6

### Table of Contents 3 of 4

### Table of Contents 4 of 4

Date	Content	Page(s)	Date	Content	Page(s)
ix					x

## Resources & Passwords

Mrs. Darstein Room 501      Planning Periods: **2 & 6**  
 Dawkins Middle School  
 1300 East Blackstock Road  
 Moore, SC 29369      Tutor Times: 7:30 – 8:00 am  
 864-576-8088 x 6071      3:00 – 3:30 pm  
 Website – [www.darstein.weebly.com](http://www.darstein.weebly.com)  
 Email – darsteinm@spart6.org

Calculator Number: # \_\_\_\_\_ Computer #: \_\_\_\_\_

Program	Username	Password	ClassCode
Chromebook			
Googleclassrom			
Get More Math			
Prodigy			
Its Learning			
Arcademics			
Khan Academy			
STAR testing			
USATestPrep			
Sumdog			

### Class codes (so far)

Google 1/3 = 0f62n

4/5 = aly9sfe

7/8 = j61qp1h

Get More Math 1/3 = LHMKG T

4/5 & 7/8 = JYJYGX

Prodigy 1/3 = 68DBC6

4/5 = CD203F

7/8 = 379B67

*Prodigygame.com*

*New Student*

*Class Code 379B67*



**Module 1**  
**Topic 1**  
**Rigid Motion**  
**Transformations**

Math Hierarchy

**3** Modules-Topics-Lessons-Activities

Module 1 - Topic 1

8/27 - Lesson 1 - Congruent Figures

8/28 - Lesson 2- Rigid Motions

8/28 - Lesson 3 -Translations

8/29 - Lesson 4 - Reflections

8/29 - Lesson 5 - Rotations

8/30 - Lesson 6 - Combination

Transformations

9/2 - Labor Day Holiday

9/3 - Major assessment - Topic 1

**4**

**Write down log in and STAR  
passwords on Page 2**

**M1T1L1 - Introduction to Congruent Figures**

**Pages 7 - 16**

**Tues 8/27**

*I can define congruent figures, use patty paper to examine & compare figures*

**Glossary Terms**

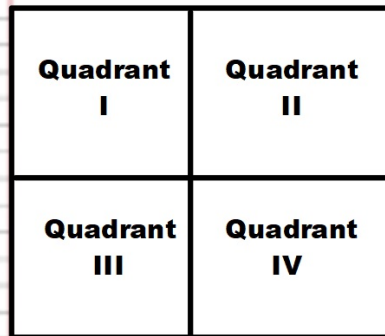
**Congruent Figures**

**Corresponding Sides**

**Corresponding Angles**

Name of Shape	Picture/Example	Number of Sides	Number of Vertices
<b>Square</b>			
<b>triangle</b>			
<b>rectangle</b>			
<b>Pentagon</b>			
<b>hexagon</b>			

5



6

**M1T1L2 Rigid Motions p. 17-38 8/28**

**I can translate, rotate, and reflect objects.**

**Key Terms: plane, transformation, rigid motion, pre-image, image, translation, reflection, line of reflection, rotation, center of rotation, angle of rotation**

**Transformations include:**

**translation**

**rotation**

**reflection**

**These can be done on a plane or on a coordinate plane.**

**7**

**M1T1L3 Translations on a Coordinate Plane**

**p. 39 - 52 8/28**

**I can translate figures on a coordinate plane.**



**8**

M1T1L4-6 Textbook p. 53-103 9/3/2019

I can

- transform figures on a coordinate plane
- describe transformations on a coordinate plane
- rotate figures 90 and 180 degrees

Vocabulary

Congruent angles

Congruent line segments

9

# Module 1

## Topic 2

# Similarity

10

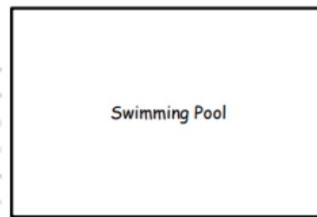
**M1T2L1 - Dilations pages109-124 9/10**

**I can dilate figures , identify the scale factor, determine similarity, and describe dilations.**

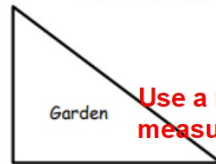
**KEY TERMS**

- dilation
- center of dilation
- scale factor
- enlargement
- reduction
- similar

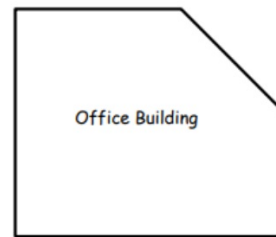
**Add these 6 terms to your Math Terms booklet.**



Scale: 1 in. = 10 ft



Scale:  $\frac{1}{4}$  in. = 2 ft



Scale: 0.5 cm = 5 m

**Actual Dimensions**

\_\_\_\_\_ x \_\_\_\_\_

\_\_\_\_\_ x \_\_\_\_\_

**Use a rule to determine the measurements of each figure**

\_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_

\_\_\_\_\_ x \_\_\_\_\_

