

**W. R. Thomas Mathematics Summer Packet 2017**

Incoming Geometry Students  
"Tigers on the Prowl for Success"

Dear Parents and Students,

The first day of school students will receive an extra credit grade for the completion of the assignment below. For extra practice on Geometry students are encouraged to work on [ixl.com](http://ixl.com).

The assignment below should help students become familiar with Geometry concepts. We would like to introduce MATH NATION – a highly effective, intensive, online learning free preparation resource for all students. Students will watch the videos as many times as they need, and do the problems in the PDF file.

To access Math Nation:

1. Login to your student portal
2. Click the tab, "Apps/Service/Site" to select "Math Nation"
3. Upper left hand corner, Click on the drop down menu to select "Geometry"
4. Click "Section 1: Introduction to Geometry – Points, Lines and Planes"
5. Select "Section 1: Introduction to Geometry – Points, Lines and Planes Relations and Functions Study Guide" to print and workout problems
7. Click on Topic to watch the 16 videos below

Month / Week	Concept	Completion Check List
June 12 – 16	Section 1: Introduction to Geometry - Points, Lines, and Planes Topic 1: Basics of Geometry – Part 1 Topic 2: Basics of Geometry – Part 2	
June 19 – 23	Topic 3: Midpoint and Distance in the Coordinate Plane – Part 1 Topic 4: Midpoint and Distance in the Coordinate Plane – Part 2	
June 26 – 30	Topic 5: Partitioning a Line Segment – Part 1 Topic 6: Partitioning a Line Segment – Part 2	
July 3 – 7	Topic 7: Parallel and Perpendicular Lines – Part 1 Topic 8: Parallel and Perpendicular Lines – Part 2	
July 10 – 14	Section 2: Introduction to Geometry - Transformations and Constructions Topic 1: Introduction to Transformations Topic 2: Examining and Using Translations	
July 17 – 21	Topic 3: Examining and Using Dilations – Part 1 Topic 4: Examining and Using Dilations – Part 2	
July 24 – 28	Topic 5: Examining and Using Rotations	
July 31 – 4	Topic 6: Examining and Using Reflections	
August 7 – 11	Topic 7: Basic Constructions – Part 1	
August 14 – 18	Topic 8: Basic Constructions – Part 2	

If you have any questions, please contact:

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(305)995-3800  
<http://wrthomas.dadeschools.net>

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Student Name (Print)

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Signature

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Date

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Parent/Guardian Name (Print)

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Signature

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Date