

# Math 9

Miss Padayachee

Room 35

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## Units:

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|---------------------------------------|--|
| 1. Square Roots, Surface Area (Sept.) | 5. Polynomials (Jan.-Feb.)               |
| 2. Powers and Exponent Laws (Oct.)    | 6. Linear Equations, Inequalities (Feb.) |
| 3. Rational Numbers (Oct.-Nov.)       | 7. Similarity & Transformations (March)  |
| 4. Linear Relations (Dec.)            | 8. Circle Geometry (April)               |
|                                       | 9. Probability and Statistics (May-June) |

Students will be evaluated on quizzes, in-class work, projects, and exams, based on the following 1-5 rubric.

	5	4	3	2	1
<b>Level of Mastery:</b>	Advanced mastery of provincial curricular outcomes; shows in-depth understanding and it able to apply knowledge and skills in new situations.	Solid mastery of provincial curricular outcomes; shows understanding and it able to apply knowledge and skills.	Adequate mastery of provincial curricular outcomes; shows some degree of understanding and needs to learn more to apply knowledge and skills.	Limited mastery of provincial curricular outcomes; shows minimal understanding and requires further support to learn the knowledge and skills needed.	Falls well below provincial curricula outcomes; shows no understanding and requires intensive support.
<b>Level of knowledge demonstrated:</b>	Demonstrates thorough knowledge and understanding and is able to apply knowledge and skills in new situations.	Demonstrates considerable knowledge and understanding of skill or concept.	Demonstrates some knowledge and understanding of skill or concept.	Demonstrates limited knowledge and understanding of skill or concept.	The student has not demonstrated the required knowledge and skills. Extensive remediation is required.
<b>Impression Created:</b>	Wow	Yes	Yes, but	Beginning	No
<b>Level of Achievement:</b>	Excellent Achievement	Proficient Achievement	Basic Achievement	Insufficient Achievement	Lack of Achievement
<b>Words to Describe:</b>	Exemplary Exceptional High Quality In-depth Outstanding	Skilled Adept Appropriate Solid Capable	Generally accurate Adequate Satisfactory	Limited Partial Below	Unsuccessful Well Below Inadequate
<b>Student Scoring:</b>	I understand well enough to make connections that were not taught.	I understand, can do it without making mistakes, and can explain it to somebody else.	I'm okay, I can do most of it on my own.	I can get started but I get stuck.	I can't get started. I do not understand any of it.

*Math puns are the first SINE of madness.*

## About the Class:

Welcome to Math 9! I am thoroughly looking forward to teaching you all and discovering the mathematical world together.

I have made a website for the classes in Room 35. [www.classfromhome.weebly.com](http://www.classfromhome.weebly.com). By accessing this website, you will be able to find your class title and see announcements, class presentation slides, videos, and other helpful resources. I will be updating this as often as possible. Student progress will be reported on PowerSchool, however please do not hesitate to contact me through email for progress updates or other concerns/questions.

## Class Requirements:

- Students will be required to bring **note-taking materials** pencils, lined paper, binder/duotang)
- Students will be required to bring a **geometry set** to class during units requiring those tools.
- Students will be required to bring a **scientific calculator** to every class. **Devices with access to the internet are not acceptable.** (Phones/Ipads/ etc. are not to be used as calculators.)
- Although homework is not included in the evaluation above, **I expect homework to be completed when assigned.** Please refer to the Kyle Composite School handbook for more information on the homework policy, and all other policies and protocols that students are expected to follow. **If homework is not completed, students will fill out a late notice for parents to sign and return to school.** The student may also be required to attend **Homework Hall** on a designated, supervised lunch hour.
- Please note that students are encouraged to be **self-regulators** and are therefore **responsible for their own learning.** Therefore, students absent from class (or part of a class) are responsible for getting informed on what was missed BEFORE the following class. This can be done by checking the class website, asking peers/classmates and/or coming to see me at lunch, after school, or in the morning.
- **The use of cell phones** will not be permitted during class time. Cell phones visible during class time (applying to all areas of the school) will be confiscated and can be picked up from administration at the end of the day.

Failure to comply with the above requirements, along with policies and protocols administrated by Kyle School, will result in consequences.

## Classroom Environment

- Our classroom environment should remain a **positive** one! Students are to **respect** the classroom and all equipment used, as well as their classmates and teachers. Any form of disrespect could result in consequences or removal from the class.

*The best angle from which to approach any challenge is the TRY-angle!*

## Seeking Help

- PLEASE ask for help if you need it. If you are missing assignments, rubrics, notes, etc., they will most likely be posted on the website for your convenience. **Do not hesitate to ask your peers or myself for help.** You are the reason I am here and you are my priority.

*“Be STRONG enough to stand alone,  
SMART enough to know when you need help,  
and BRAVE enough to ask for it.”*