Queen of Apostles Middle School Summer Reading Guidelines – Rising 8th Grade

Please follow all guidelines carefully!

DUE THE FIRST WEEK OF THE 2019-20 SCHOOL YEAR.

READ **ONE** NOVEL OF YOUR CHOICE FROM THIS LIST:

- *A Study in Scarlet*, Arthur Conan Doyle
- *The Odyssey*, Homer   (AN ABRIDGED VERSION)
- *Journey to the Center of the Earth*, Jules Verne
- *The Raft*, Robert Trumbull (Naval Institute Press)
- *Incredible Victory*, Walter Lord
- *Mr. Midshipman Hornblower*, C.S. Forester
- *The Long Walk*, Slavomir Rawicz
- *Swan Town*, Michael J. Ortiz
- *The Lantern Bearers*, Rosemary Sutcliff

ASSIGNMENT:

Bring your chosen optional summer reading book to class to show and talk about to your classmates during the first week of school. Get your classmates excited about reading it too!

In your presentation be sure to:

-Give the title and author of the book.

-Explain why this book is so great? How do the plot and/or the characters make the book interesting? Are there other elements make the book interesting?

-Quote a passage or two from the book to give your classmates a flavor of the book, *but don't give away the ending!*

Knowing, Understanding, Recognizing, Identifying Numbers are important. Memorize your Multiplication Facts. The word is

AUTOMATICITY. You must know your Time Tables automatically.

(Without Thinking). FABIEN.

Future 6, 7, 8 Graders: Write, Read, Memorize, Recognize

1) TIME TABLES 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, | 7th & 8th Graders, go to

$2 \times 1 = 2$
$2 \times 2 = 4$
$2 \times 3 = 6$
$2 \times 4 = 8$

↓

$2 \times 12 = 24$

$15 \times 15 = 225$

2) SQUARES
$1^2 = 1 \times 1 = 1$
$2^2 = 2 \times 2 = 4$
$3^2 = 3 \times 3 = 9$

$15^2 = 15 \times 15 = 225$

3) CUBES
$1^3 = 1 \times 1 \times 1 = 1$
$2^3 = 2 \times 2 \times 2 = 8$
$3^3 = 3 \times 3 \times 3 = 27$

$10^3 = 10 \times 10 \times 10 = 1000$

4) PRIME NUMBERS — A Prime number has only 2 factors — one and itself.

2 is Prime. The only two numbers that can multiply to give you 2 is 1×2.
3 is Prime. " " " " " " " " " " " " 3 is 1×3.
4 is not Prime — $4 \times 1 = 4$ $2 \times 2 = 4$
Figure out, write, check, memorize, all the Prime numbers from 1 to 100.
Chart it & study them —

5) POWERS $2^0 = 1$ $2^1 = 2 \times 1 = \boxed{2}$ $2^2 = 2 \times 2 = \boxed{4}$ $2^3 = 2 \times 2 \times 2 = \boxed{8}$
Write, understand, memorize, know them until $2^{12} = 4096$
Do a chart, look at it daily. Memorize it, Understand it, Know it.

6) FRACTION, Decimal EQUIVALENCY — Leave best for last

You know that $\frac{1}{2} = 0.5$ because $\frac{1}{2}$ is 1 divided by 2

$$2\overline{)1.0} \quad \begin{array}{r} 0.5 \\ -1.0 \\ \hline 0 \end{array}$$

Find the equivalent decimal for $\frac{0}{2} = 0$, $\frac{1}{2} = .5$ $\frac{2}{2} = 1$
$\frac{0}{3} = 0$, $\frac{1}{3} = 0.\overline{3}$ $\frac{2}{3} = 0.\overline{6}$ $\frac{3}{3} = 1$

Do a chart to find the decimal equivalent for all fraction from $\frac{0}{2}$ to $\frac{8}{8}$.
That will include $\frac{3}{5}$, $\frac{3}{8}$, $\frac{5}{6}$, $\frac{5}{6}$, $\frac{7}{8}$ ... Put them in order.

When you get serious, get this done correctly, Understand
what you are doing, Memorize with Automaticity, ... Good.
You will like yourself more   THANK YOU