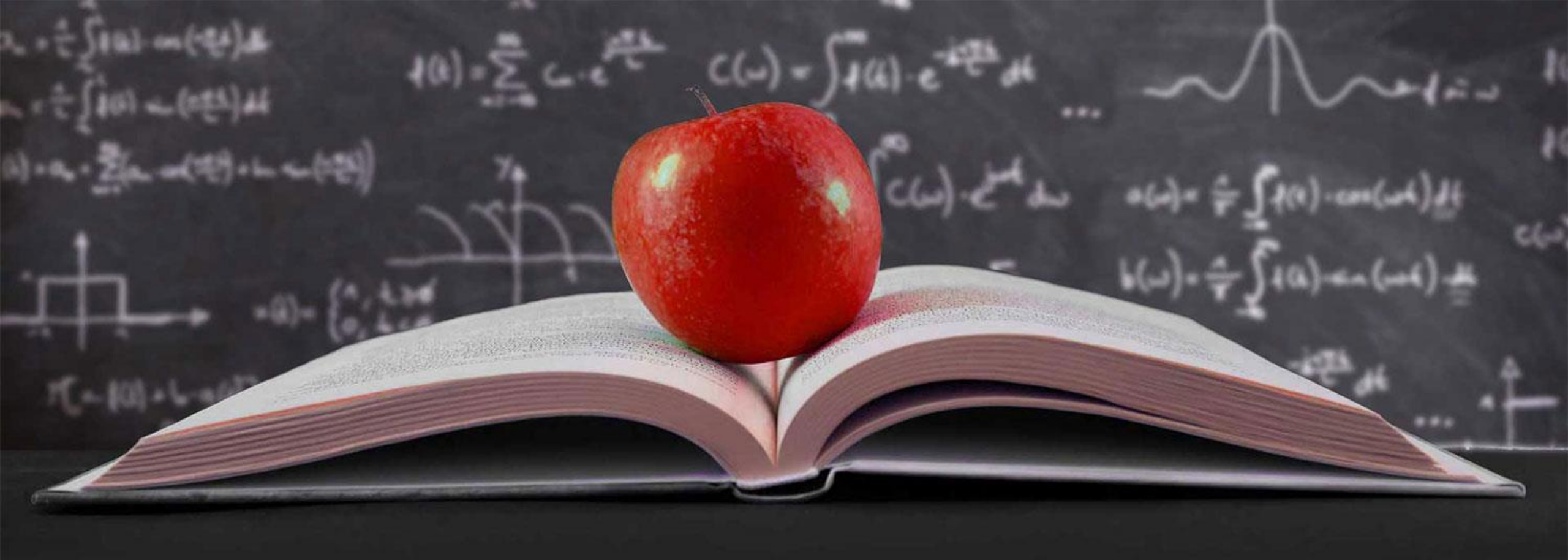


A red apple is placed on top of an open book. The background is a chalkboard filled with various mathematical equations and graphs, including Fourier series formulas like $f(t) = \sum_{n=-\infty}^{\infty} c_n \cdot e^{jn\omega_0 t}$ and $C(\omega) = \int_{-\infty}^{\infty} f(t) \cdot e^{-j\omega t} dt$, as well as trigonometric series and plots of functions.

SUPPORTING LITERACY & NUMERACY AT HOME

McRoberts Parent Night Presentation



LAND ACKNOWLEDGEMENT

Agenda

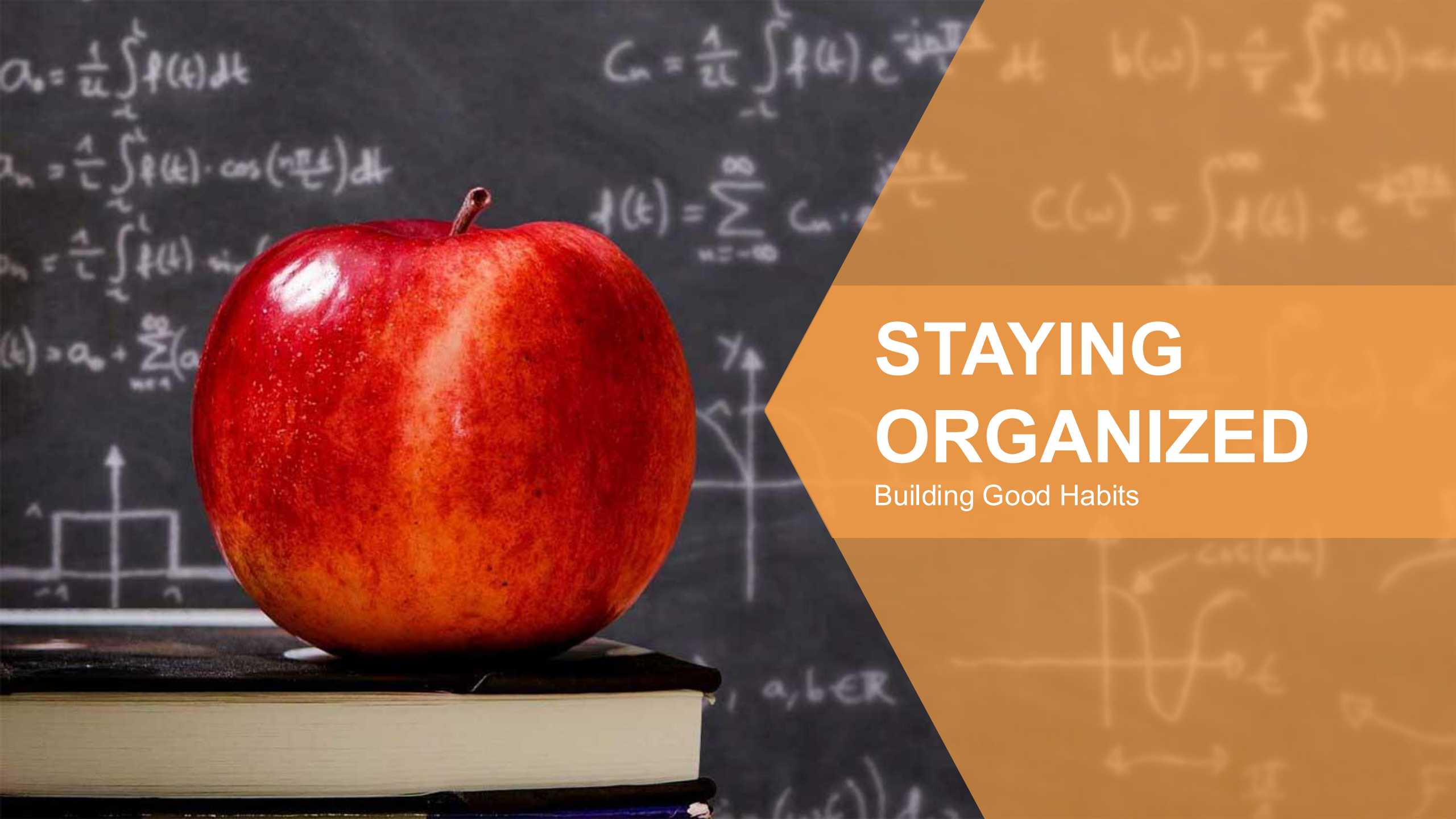


01 Welcome & Introductions

02 Staying organized... Building good habits

03 Supporting Literacy – What can you do?

04 Supporting Numeracy – What else can you do?



STAYING ORGANIZED

Building Good Habits



Being organized is a **life skill**. It teaches kids to use their time more efficiently and plan ahead. This helps them learn important life skills such as budgeting their time wisely, managing multiple tasks and deadlines,

LET'S GET ORGANIZED!!!



Did you know most teachers are using **TEAMS** or have a **personal website** where they post homework and/or assignments?



Check the **agenda** regularly... make sure kids are using it!



Check **backpacks** and **binders**!!!

SET UP SUCCESSFUL ROUTINES

ASK QUESTIONS

Have a conversation. Find out what needs to be done. Ask if there is something they don't understand and try to support.

CHECK THE AGENDA

Before your child starts to work, ask to see the agenda so you know what needs to be done.



SET A TIME!!!

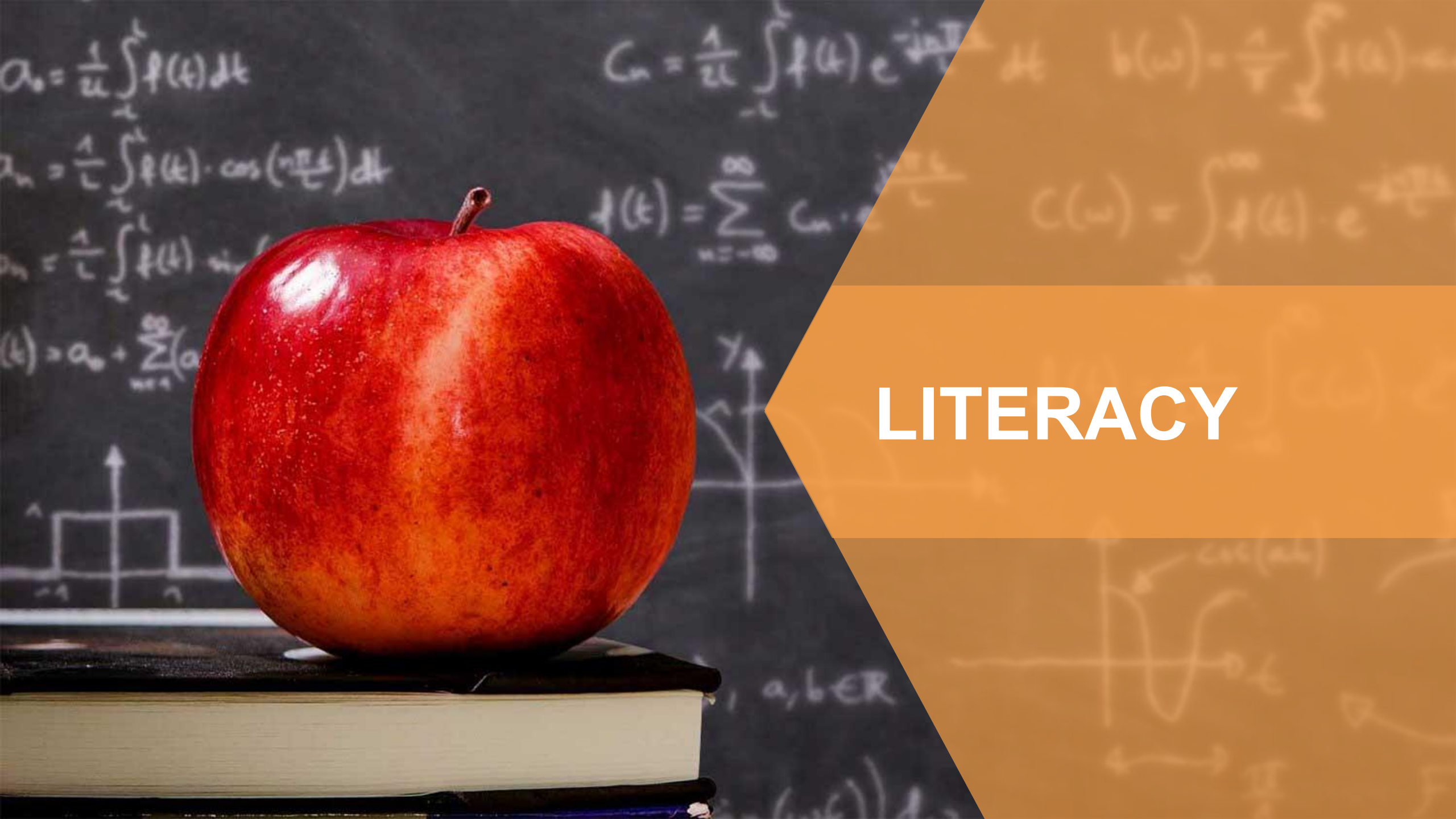
Be consistent... everyday after school or after supper. Carve out a planned time for homework.

LIMIT PHONE USE!

The number one distraction for students is their phone. Turn it off and put it away! (Unless needed for homework...)

WORK AT A DESK OR TABLE

Having a proper workspace is important... working on the floor or bed is not great.



$$a_0 = \frac{1}{2L} \int_{-L}^L f(t) dt$$
$$a_n = \frac{1}{L} \int_{-L}^L f(t) \cdot \cos\left(\frac{n\pi t}{L}\right) dt$$
$$b_n = \frac{1}{L} \int_{-L}^L f(t) \cdot \sin\left(\frac{n\pi t}{L}\right) dt$$
$$f(t) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos\left(\frac{n\pi t}{L}\right) + b_n \sin\left(\frac{n\pi t}{L}\right) \right)$$

$$C_n = \frac{1}{2L} \int_{-L}^L f(t) e^{-jn\pi t/L} dt$$
$$b(\omega) = \frac{1}{2\pi} \int_{-\infty}^{\infty} f(t) e^{-j\omega t} dt$$
$$C(\omega) = \int_{-\infty}^{\infty} f(t) e^{-j\omega t} dt$$

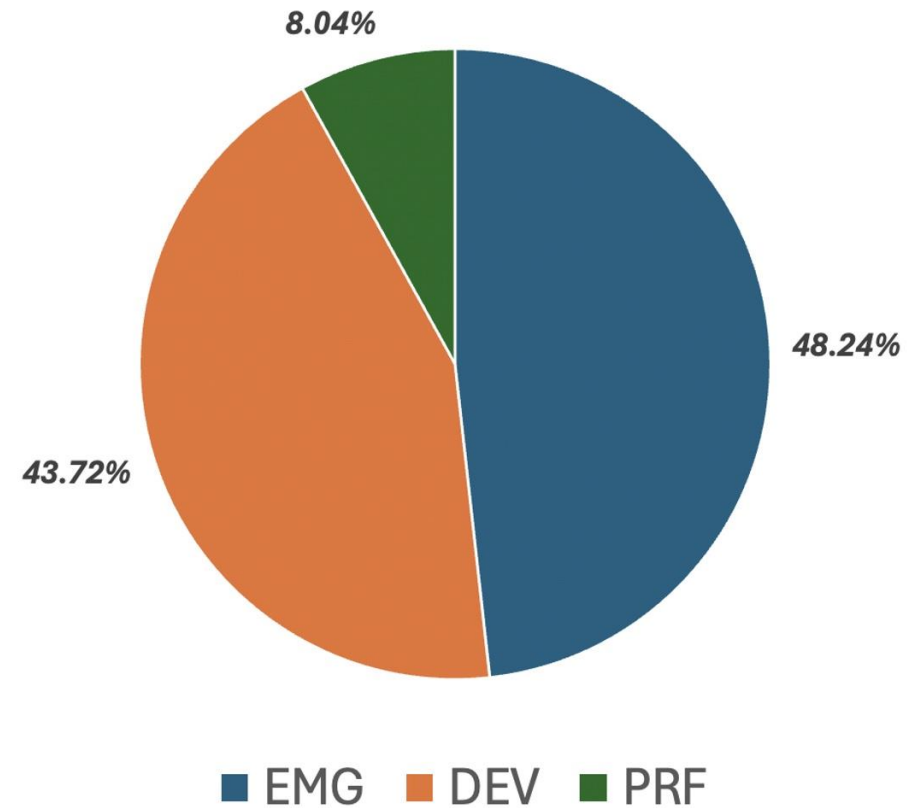
LITERACY

FALL DIAGNOSTIC ASSESSMENT



PBA RESULTS 2024

Percentage distribution of 'PBA Score'



What is literacy?

"Literacy is the ability to make meaning from text and express oneself in a variety of modes. This includes comprehending, making connections, critically analyzing, and creating and communicating for a variety of purposes."

BC Ministry of Education and Childcare



LITERACY STEP BY STEP

*"Vocabulary is important for reading comprehension. **Readers cannot understand what they are reading without knowing what most of the words mean.** As children learn to read more advanced texts, they must learn the meaning of new words that are not part of their oral vocabulary. "*



**National Center on Improving Literacy in Partnership with
The Reading League Journal**

Personal, text to text
and world

Students need to be able
to identify the purpose,
main point and overall
message the author wants
to convey.

Students need to be able
to decode words before
they can make meaning.

**WORD
SKILLS**

MAIN IDEA

CONNECTIONS

INFERENCE

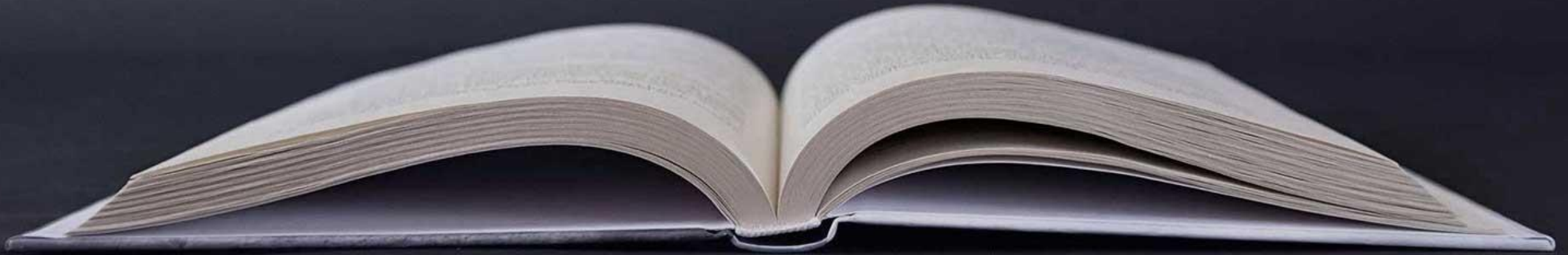
**ANALYZE &
EVALUATE**

Reading between the lines

Express opinions, pass
judgement, justify with
evidence.

***Our main focus
this year...***

HOW CAN PARENTS
HELP???



HOW CAN YOU HELP?

- Have your child read for **30 min. everyday.**
- If in French Immersion, **read every other day in FRENCH!**
- If your child is a struggling reader, have your child **read out loud with you** for 15 min..
- Make sure your child is **reading something they chose** to encourage

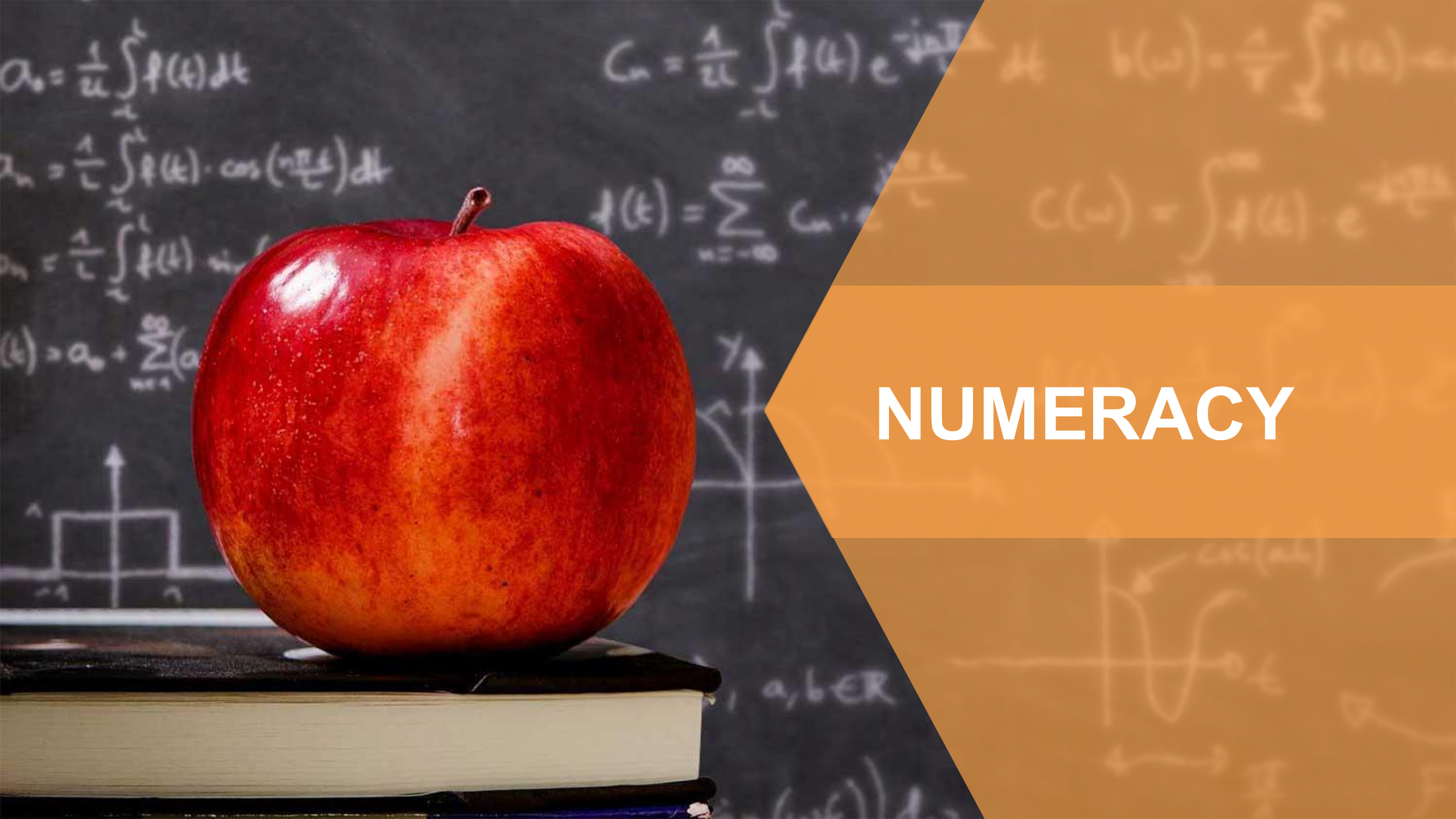
Engage in conversations that practice literacy skills.

After reading, watching a movie or hearing a news report...

- Ask your child to summarize what the text is about (**main idea**)
- Ask your child if what they heard or read reminds them of anything (**connections**)
- Ask your child to express their opinion on what

What else???

- Make sure your child has a **library card**
- Consider **e-books or audiobooks** to help striving readers (**Libby app is free!!!**)
- Play **word games** (Scrabble, Boggle, Wordle, Code Names, Apples to Apples...) → to build vocabulary



NUMERACY

What is Numeracy?

Numeracy is the **ability**,
willingness, and **perseverance**
to interpret. and apply
mathematical understanding to
solve problems in.
contextualized situations, and
to **analyze** and **communicate**.
these solutions in ways
relevant to the given context.

Perseverance

Taking on Complex Problems
Trying Multiple Approaches

Ability

Arithmetic Skill
Flexibility with Numbers

Analyze

Critical Thinking
Creative Thinking

Communicate

Oral or Written Work
Expression of Thought and
Depth

Numeracy Circle

Interprets

Understands a problem
Extract relevant information
Identify parameters or limitations

Applies

Translates scenario into mathematical problem
Represents the problem in some form
Develops a plan of approach

Solves

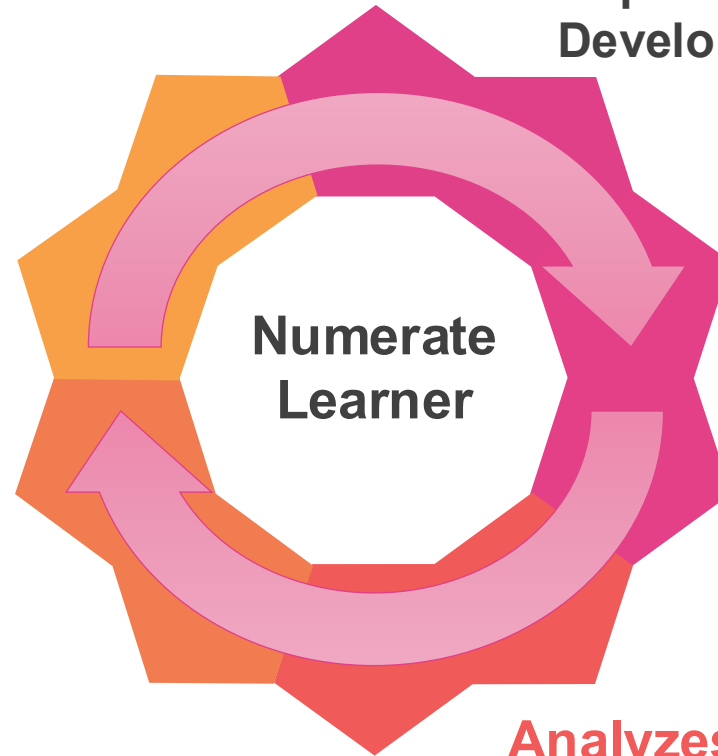
Estimates reasonably in context
Solves the mathematical problem
Verifies the accuracy of the solution

Analyzes

Reflects on the reasonableness of the solution
Evaluates alternative approaches
Revises approaches

Communicates

Defends decisions and assumptions
Explains the approach taken
Represents processes and solution



HOW CAN YOU HELP?

Strategy #1 – Ask a Question

Encourage your child to explain “Why”? Or “How”?

- Why does it work this way? How does this work? What if this part changed?

Strategy #2 – Make Them Do Things

Give your child something to do in the house

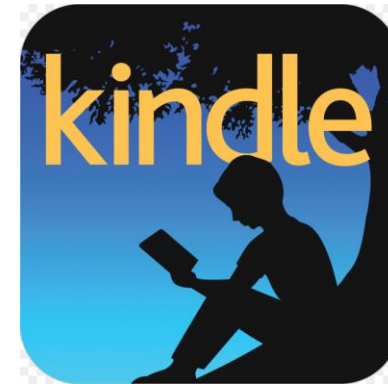
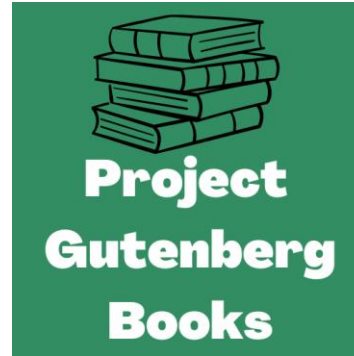
- Cooking, Portioning, Buying groceries, anything that involves thinking and explaining!

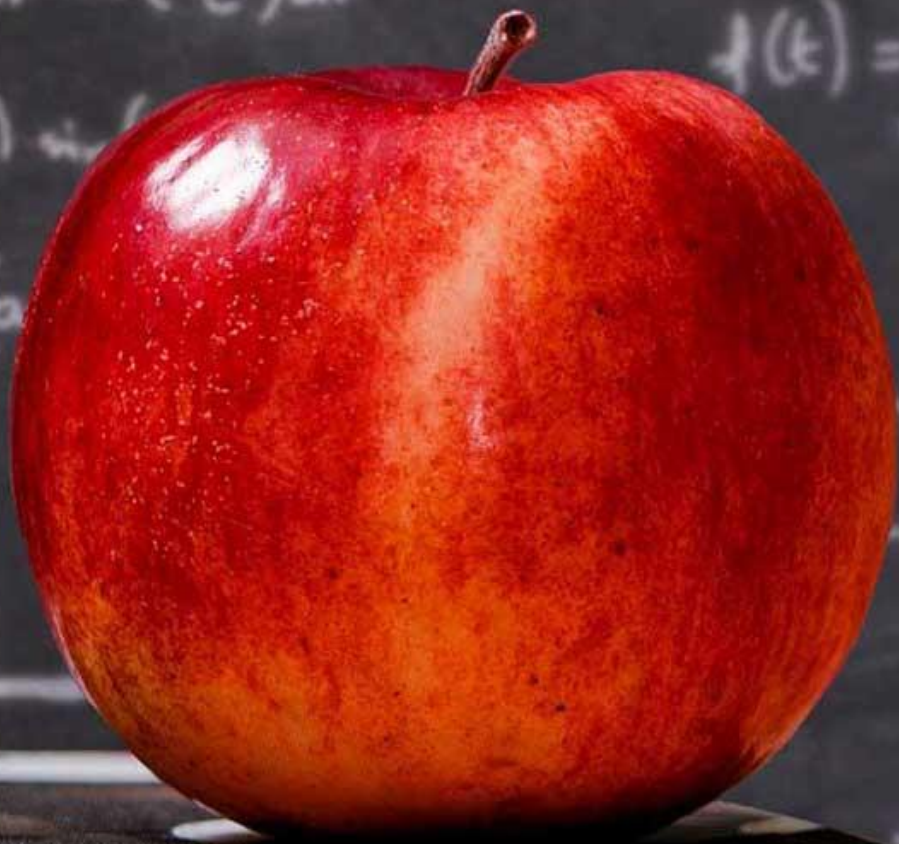
Strategy #3 – Games!

Games are a great way to build strategic thinking, planning, and thinking about probability!

- Chess, cards, Mahjong, video games, etc.
- Find a shared interest!

THERE'S AN APP FOR THAT!





Thank you!