

POWERFUL PARTNERS

Parents and Guardians,

You are powerful partners in education and learning does not have to end in the classroom. How can you help at home? Here are some engaging activities that will support learning at home and help your child become more successful in their studies.

READING

Determining Theme and Central Idea

- Take some time to read a couple of children's stories. Discuss the lessons the characters were supposed to learn. Looking at a story from a more mature perspective, is a fun way to find a greater meaning to simple ideas.
- Ask your child to define the following...
 - What is heroism?
 - What is justice?
 - What is redemption?
 - What is courage?
 - What is identity?
 - What is love?
- Have your child think of a couple of their favorite songs and see if you can find any of the common themes listed above within those songs. Can they think of any songs that these themes might apply to? You might have to share some of your own favorite songs to have this discussion, but what a great way to have some fun with music and literature.

MATH

Work with radicals and integer exponents

- Have your child talk to you about the properties of integer exponent rules. What do you do with the exponents when you multiply? What do you do when you divide?
- Practice some problems $3^4 \times 3^{-2} = 3^2 = 9$. $4^5 \times 4^3 = 4^8 = 65536$

Understand and apply the Pythagorean Theorem

- Have your child look up (or explain if they can), what the formula for the Pythagorean Theorem is, and how they can determine the hypotenuse and legs of the triangle.
- Have your child determine the hypotenuse of a triangle if the side lengths are 3 and 4. (Make sure they show their work and explain the process to you.)