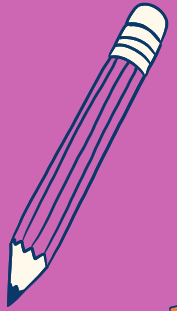


$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Visual Art/Math Integration



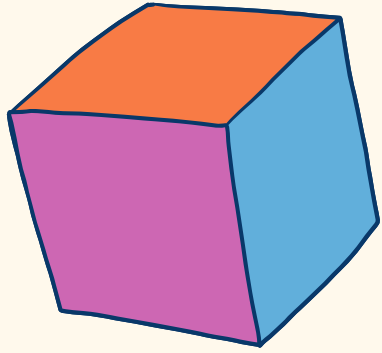
$$a^2 + b^2 = c^2$$



Benefits of Incorporating Art Concepts in Elementary Math

Art integration starts with the aspiration to see students more engaged and excited about learning. The research shows that bringing art concepts into the math classroom not only benefits engagement levels, but aids in constructing a deeper understanding of math concepts.

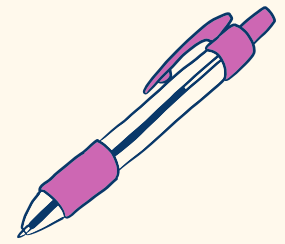




Successful art integration requires training and intentionality for educators. Collaboration and commitment to planning ahead are needed in order to successfully integrate art into subjects like math, science, social studies or language arts.



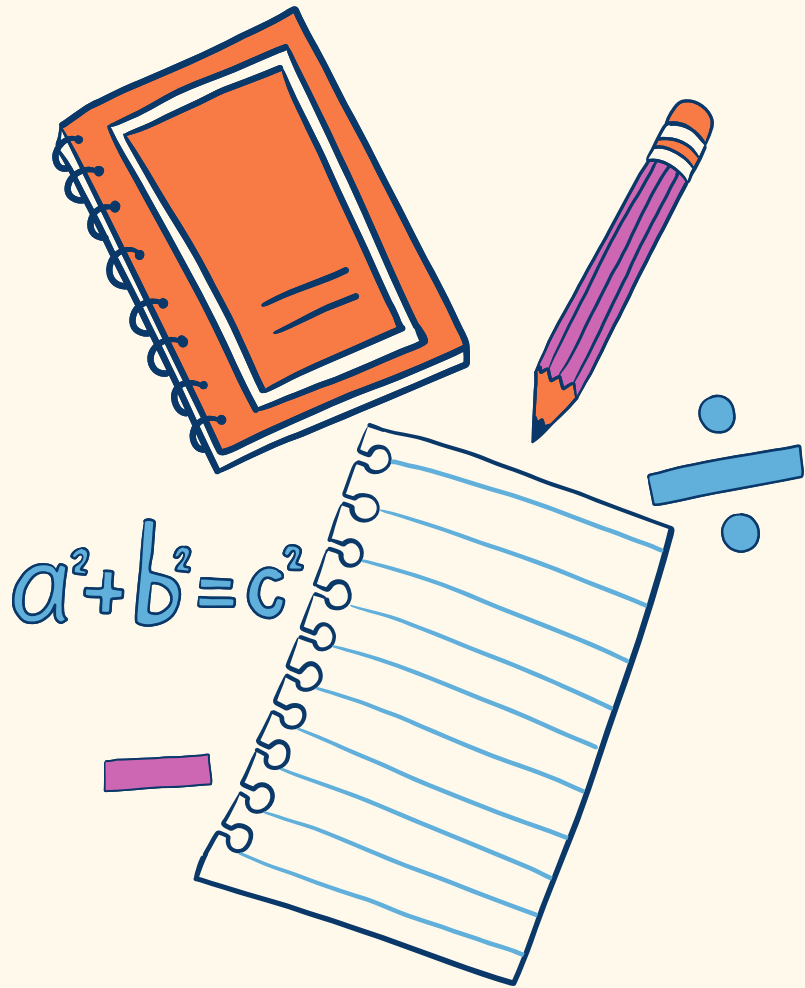
Why Math and Art Work Together



Art integrated lessons and projects have been shown, over nearly 30 years of research, to be a boost to the effectiveness of educating confident, creative, young minds. Incorporating art has offered the following benefits to participating students:

- Improved standardized test scores
- Individualized learning opportunities
- Reduction in classroom disruptions
- Increased attendance rate





So, what makes art a natural companion to many math concepts?

The answer is in changing the way concepts are learned and practiced. Some of the most basic art principles like balance, proportion, and variety, and concepts like line, space, and shape can be found in math equations and story problems. Students use art skills when finding math solutions, and math concepts when creating art.

References

<https://blog.schoolspecialty.com/benefits-of-incorporating-art-concepts-in-elementary-math/>