

Mixing Up



and

Literature



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For information concerning the Teacher to Teacher Connection, please contact Susan Copeland at the Polk Education Foundation at 863-534-0434, or at susana.copeland@polk-fl.net. To apply for a grant to curtail the cost of implementing this program, please complete the Adapter Application found in the Idea Catalog of Excellence that was sent to your school.



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Program Objectives



This project involves purchasing literature books that have math related themes and teacher resource books that help to incorporate proven lesson plans that are easily adaptable to any grade level. Mixing Up Math and Literature helps teachers to successfully integrate Reading, Language Arts, and Math standards. It is important for children to know from an early age that mathematics is relevant in all of our lives. Children's books offer an excellent springboard to accomplish that. Good books and stories connect to our imagination and experience.

Working within the mathematics curriculum, this program utilizes stories that coincide with the topic being taught. Literature is a valuable tool to integrate mathematics. It generates interest and motivation, provides context, and invites communication. Teaching math through literature is an effective and engaging way to make connections and build skills. Research has shown that children learn material best when it has meaning and usefulness for them.

This program enables teachers to:

- teach and integrate mathematical concepts, skills, and vocabulary,
- assess children's progress with authentic contexts
- have at their fingertips resources which provide motivating math activities to enhance the teaching of the National Math Standards and the Florida Sunshine State Standards
- tap into the talents of all students no matter what their ability levels may be

It helps students to:

- see how math will be useful to them in the "real world" and that math is a natural part of everyday life.
- gain confidence in their mathematical abilities and learn problem solving skills
- develop and reinforce valuable math skills and concepts while enjoying literature related to a wide variety of themes

Thanks to the current movement toward integrating literature with all curriculum areas, publishers are creating some fun – even interesting – literature that promotes mathematics learning. This project will start you on your way to creating and building a math/literature-based library with lots of hands on activities at your fingertips.

Standards Addressed:

- M.A.A.3.2.1, M.A.A.3.2.2, M.A.A.3.2.3, M.A.A.4.2.1, M.A.A.5.2.1
 M.A.B.1.2.1, M.A.B.1.2.2, M.A.B.2.2.1, M.A.B.3.2.1, M.A.B.4.2.1,
 M.A.C.2.2.1, M.A.C.3.2.1,
 M.A.D.1.2.1, M.A.D.1.2.2, M.A.D.2.2.1, M.A.D.2.2.2,
 M.A.E.1.2.1, M.A.E.2.2.1, M.A.E.3.2.1
 L.A.A.1.2.1, L.A.A.1.2.2, L.A.A.1.2.4, L.A.A.2.2.1, L.A.A.2.2.2, L.A.A.2.2.5, L.A.A.2.2.8,
 L.A.B.1.2.1, L.A.B.1.2.3, L.A.B.2.2.2, L.A.B.2.2.3, L.A.B.2.2.6,
 L.A.C.1.2.1, L.A.C.1.2.4, L.A.C.3.2.3, L.A.C.3.2.5
 L.A.D.1.2.1,
 L.A.E.2.2.3, L.A.E.2.2.5



**Get Onboard ...
MATH AHEAD!!!**

