**TITLE OF PROJECT: Measurement Mania**

***Contact person for this proposal* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**School \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Principal's**

**Signature *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**SUMMARY INFORMATION \_**

Total students directly benefiting from this project: \_\_\_\_\_\_\_\_\_\_

Number of general education students \_\_\_\_\_\_\_\_\_\_

Number of special education students \_\_\_\_\_\_\_\_\_\_

Total cost of project $\_\_500\_\_\_\_

Total amount requested through this grant $\_\_500\_\_\_\_

**NARRATIVE**

**1. Program Synopsis:** ***Provide a short, informative description of the program. What do you want to do and why?***

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| **SAMPLE:** I want to help students strengthen their number sense and their general understanding of measuring distances. My project will help my third grade students with dividing up, adding, subtracting, and converting distances. The Measurement Hop mat teaches students the break down of inches, feet, and yards. I want to create a way for children to have an educational experience that supports their lifelong success in mathematics and academia in general. We are piloting a project in our school where we use movement-based learning to increase our students’ critical thinking skills and mastery of Learning Standards. My contribution is to develop an efficient model for teaching students about measuring distances and the various techniques one can implement to achieve an understanding of the subject. Based on research of kinesthetic learners, I will create the best practice that will be used throughout our district. |

***How will this proposal enhance student achievement?***

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| **SAMPLE:**This project will use movement-based learning to improve student achievement and health. Our plan is to develop a scalable model for integrating math throughout the school day, during PE class, before and after school, during recess and transition times. Our project focuses on two national concerns: low student achievement and obesity. We anticipate that teachers will observe our strategies in order to adapt the techniques for their own classrooms.  |

***If special education students are involved, how will this program meet their IEP goals?***

**Teacher will need to complete this section based on their own students**

 **2. Objectives:**  ***What will the students in the program be able to do once they have completed the program?***

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| **SAMPLE:**The objectives are as follows: * At least 90% of participating students will increase their skill/success with word/picture problems by at least 20% as measured by the Easy CBM test.
* At least 90% of participating students will increase their learning and retention rates 82% over a six-week period, which will in turn boost student achievement in the long-run.
* At least 90% of participating students will know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec. Within a single system of measurement, my students will be able to express measurements in a larger unit in terms of a smaller unit, which in turn fulfills the Learning Standards.
* At least 85% of participating students will develop leadership skills. My students will be trained to be “math buddies” who will learn how to teach math to younger students in our Math Buddy Program.
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***Describe how this project relates to your curriculum.***

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| **SAMPLE:**This project helps me teach my curriculum in a way that students learn the information quickly and easily. The materials and activities are easily aligned with my current curriculum and with the Learning Standards. The best practices model I develop will make it easy for other teachers to implement in their classrooms as well. |

***Identify specific learning standards and performance indicators that this project addresses.***

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| **SAMPLE:**This project (Measurement Mania) utilizes one floor mat that fulfills different Learning Standards: the Measurement Hop Mat. This Hop Mat helps second grade students learn to estimate lengths using units of inches, feet, centimeters, and meters, while my fourth grade students will learn to record measurement equivalents in a two-column table while being able to solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. This basic understanding of distance measurements will be extremely fruitful for students who plan to take more math and science classes in the future. |

**3. Activities:  *What are the students going to be doing? Be Specific!!***

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| **SAMPLE:**My project will strengthen number sense and practice calculating/converting distances until mastery. I will tell the students to pair up and convert distances on their worksheets (inches to feet, feet to yards, inches to yards, etc.) and I will have them take turns coming up to the Measurement Hop mat where they can visualize their work. If they are having trouble with their worksheet, I will have them jump out the distances I have given them so they can see, for example, where on the mat six inches is relative to feet or yards. This will help my students see the differences between the measurements. I will be grateful for the help of parents and volunteers to assist me with teaching the students fractions! |

**4. Proposed Timeline**: ***How much time will be involved in this project?***

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| **SAMPLE:**We will use the materials at least three times per week for five to 20 minutes each time, depending on what concepts and skills we are working on that week. |

***How long will it take to achieve your objectives?***

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| **SAMPLE:** We will meet, and likely exceed, our objectives within the four-month project period. The materials are flexible so that we can take the concepts deeper as students gain the necessary skills and understanding. |

***What is the proposed starting date? What is the completion date?***

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| **SAMPLE:**We will use the materials to increase student understanding of literacy concepts from the date we are able to obtain materials (within one month of being funded) The materials are flexible in content – they can be used progressively in ways that support the students as they gain new skills and understanding. |

**5. Evaluation:  *How will you determine if the objectives have been accomplished and that student learning has occurred? What plan do you have for sustaining this project beyond this year?***

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| **SAMPLE:**The success will be evaluated by pre- and post-testing of the students addition and subtraction understanding, math ability, and their measuring aptitudes over the four-month project period. We will also track our activities – which ones we do and for how long – so we can determine what is creating the greatest impact in the project and to identify anything that needs to be improved. Once I have these materials, I will be able to use them again for many years to come. No additional funding is necessary. |

 **6. Budget:**  ***An itemized budget must be accurate and complete. All items must be connected directly to your project. For unique items, please include detailed information or copies from catalogs.***

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| **SAMPLE:**I propose to purchase the following items to support my students’ number sense and understanding of calculating distances: 1) Math & Movement Measurement Hop Mat (at reduced cost, regular cost is $595); 2) Reduced shipping. The total for these two items is $500.  |