

# Managing **Math** at Home

Tips & Tricks to Help your Child Grow & Succeed in Math

<b>BEFORE</b> How to get started		
<p><b>Promote Positive Mindsets</b></p> <ul style="list-style-type: none"> <li>• Praise effort</li> <li>• Know it's ok to make mistakes 😊</li> <li>• Encourage perseverance in working through problems</li> </ul>	<p><b>Create a Workspace</b></p> <ul style="list-style-type: none"> <li>• Provide materials and manipulatives if possible (paper, pencil, graph paper, counters, calculator, clock, etc.)</li> <li>• Have a space in your home that can be used to complete activities &amp; homework</li> </ul>	<p><b>Questions to Ask</b></p> <ul style="list-style-type: none"> <li>• "What do you need to find out?"</li> <li>• "Where do you begin?"</li> <li>• "What do you understand/not understand?"</li> <li>• "Have you solved a similar problem?"</li> </ul>

<b>DURING</b> How to facilitate & guide thinking		
<p><b>Be an Active Participant</b></p> <ul style="list-style-type: none"> <li>• Problem solve out loud</li> <li>• Read books to your child that involve math</li> <li>• Relate topics to real-life experiences</li> <li>• Involve your child in activities that require use of math (Ex. Measuring ingredients in a recipe, telling time, estimating items at the grocery store, etc.)</li> </ul>	<p><b>Create a Toolbox</b></p> <ul style="list-style-type: none"> <li>• Highlight important information</li> <li>• "Circle the numbers &amp; underline the question" to help with word problems</li> <li>• Try solving problems in different ways (Ex. Draw a picture, look for a pattern, work backwards, use manipulatives)</li> </ul>	<p><b>Questions to Ask</b></p> <ul style="list-style-type: none"> <li>• "How can you organize the information?"</li> <li>• "Can you draw or model to explain your thinking?"</li> <li>• "What strategies can you use to solve?"</li> <li>• "How does this relate to..."</li> <li>• "What steps do you need to take to solve?"</li> </ul>

<b>AFTER</b> How to reflect
<p><b>Discuss</b></p> <ul style="list-style-type: none"> <li>• Ask your child what he or she is learning about in math in school</li> <li>• Set goals that promote learning (Ex: "I want to improve my math fact fluency")</li> <li>• Be active in knowing what's going on in your child's classroom by reading newsletters, emails, etc. provided by your child's teacher and school.</li> </ul>

<b>RESOURCES</b> Try these at home!	
<p style="text-align: center;"><b>Digital</b></p> <ul style="list-style-type: none"> <li>• Prodigy – Math Website</li> <li>• Reflex – Math Website</li> <li>• Dreambox – Math Website</li> <li>• BrainPop – Watch Videos to review</li> <li>• Jefferson Lab – Practice SOL Tests</li> </ul>	<p style="text-align: center;"><b>Non-Digital</b></p> <ul style="list-style-type: none"> <li>• Flashcards &amp; Workbooks</li> <li>• Use dice to create problems</li> <li>• Puzzles &amp; Board Games that promote logical &amp; critical thinking</li> </ul>