

Entering Grades 4 & 5 - Math in My World

Choose and complete any 10 Math in My World activities below. Mark each box you complete with an X and have a parent/guardian initial the box! Return this board to your teacher in September!

...And don't forget to HAVE FUN!

<p>Reading Visit the library and grab a math story. Need an idea?</p> <ul style="list-style-type: none"> ✓ Infinity and Me by Kate Hosford & Gabi Swiatkowska ✓ A Very Improbable Story by Edward Einhorn ✓ Zero the Hero by Joan Holub & Tom Lichtenheld ✓ A Million Fish...More or Less by Patricia C. McKissack 	<p>Cooking Grab your favorite recipe.</p> <p>TALK & TRY: How would the recipe change if you halved it? Doubled it?</p>	<p>Art & Geometry Find a piece of art. You can visit a museum or make something yourself.</p> <p>TALK & TRY: How did the artist use geometry to create this piece?</p> <p>Symmetry Congruent Parallel Intersecting Perpendicular lines 2D & 3D shapes</p>	<p>Board Games Get your family around the table and play a game that uses math. Here are a few ideas:</p> <table style="width: 100%;"> <tr> <td>Monopoly</td> <td>Yahtzee</td> </tr> <tr> <td>Rummikub</td> <td>Stratego</td> </tr> <tr> <td>Life</td> <td>Battleship</td> </tr> <tr> <td>Clue</td> <td>Mancala</td> </tr> <tr> <td>Connect 4</td> <td>Chess</td> </tr> <tr> <td>Checkers</td> <td>Sequence</td> </tr> <tr> <td>Pay Day</td> <td></td> </tr> </table>	Monopoly	Yahtzee	Rummikub	Stratego	Life	Battleship	Clue	Mancala	Connect 4	Chess	Checkers	Sequence	Pay Day	
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<p>Grocery Shopping Check out the <u>unit price</u> for one of your favorite foods.</p> <p>TALK & TRY: How does brand and packaging size effect the price of these items?</p>	<p>At the Ballpark How 'bout those Phillies! You have \$100 gift card for MLB. Go to MLB.com and plan a trip to see the Phillies.</p> <p>TALK & TRY: Where will you sit? What will you eat? Will you buy a souvenir?</p>	<p>Card Games Grab a friend and play a card game. Here are a few ideas:</p> <p>Go Fish Rummy Gin Rummy Solitaire War Crazy 8s</p>	<p>Measure Measure the perimeter of your yard. Use your 'feet' and then use a formal measuring tool (tape measure).</p> <p>TALK & TRY: How do the two measurements compare?</p>														
<p>Road Trip Going for a drive? Work with a parent to calculate the distance in miles and total cost of gas.</p> <p>TALK & TRY: How many miles per gallon does your car get?</p>	<p>Numbers in Nature Did you know? The Mosquito Edition</p> <p>*Female mosquitoes live between 42 - 65 days *Female mosquitoes lay eggs 3 times during their life *Each egg clutch has 100 - 200 eggs</p> <p>TALK & TRY: What conclusions can you make about the number of mosquitoes there may be in your neighborhood?</p>	<p>Pennsylvania Attractions <u>Visitors in a year:</u></p> <p>Liberty Bell - 1,000,000 Hershey Park - 3,300,000 Gettysburg Park - 1,000,000 Philadelphia Museum of Art - 800,000 Valley Forge Park - 1,200,000</p> <p>TALK & TRY: Which of the attractions is most popular? Least popular? What might be a reason for this?</p>	<p>Patterns Find objects in nature that have patterns. For example, seashells, fern leaves, or pine cones all have patterns.</p> <p>Create patterns using objects in nature! Make a repeating, geometric, or any pattern you love!</p> <p>TALK: Tell a family member about the patterns you found & made.</p>														
<p>Coding Spend some time getting creative with some of these coding sites:</p> <p>Blockly PolyUp Code.org Scratch Code Combat Tynker</p>	<p>Here Comes the Sun Chart the sunrise and sunset over the summer. Make a line graph to show the change over time.</p> <p>TALK & TRY: How do the sunrise and sunset times change? Why?</p>	<p>Money</p> <p>TALK & TRY: What would you buy with \$1000? What would you buy with \$100,000? What would you buy with \$1,000,000?</p>	<p>Game Day Spend some time playing games on any of these great math sites:</p> <p>Math Maven's Mysteries Prodigy Math Playground Figure This: Math Challenges for Families</p>														



Remember to practice your multiplication and division facts!