



ArithmaTricks

Grade Level(s), Quarter, Year: K-5, Quarters 3-4, 2011-2012

Multiply coins! Produce the 14 of Diamonds! Add in your head faster than a calculator! These are just a few of the fun tricks you'll learn in ArithmaTricks Magic Class! You'll get your own magic box and new tricks to perform each week! Participate in a family show the last class! The tricks in this class are all math-based! So in addition to developing your presentation skills, you'll hone your mental math abilities as well! Tricks are new from the previous 3 years' classes. If you like math or magic, this class is for you!

<p>Class One: Introductory Tricks</p> <ul style="list-style-type: none"> • 3 rules of magic • Lost at Sea • Subtraction Cards • $1+10=25$ • Create Magic Case & Magic Name 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Introduce/try out public speaking skills. • Have quick successes, get confidence • Hone mental addition & subtraction skills 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Learn 3 rules of magic • Learn 3 tricks involving: mental addition & subtraction to present. • Learn speaking basics. • Choose magic name, introduce self.
<p>Class Two: Mind Magic</p> <ul style="list-style-type: none"> • Review • Predicta-Chip • Birthday Prediction • Lightning Addition • Math Betchas 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Get experience presenting to others. • Learn about/practice eye contact. • Hone mental addition skills. 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Practice performing before others. • Learn about & practice eye contact. • Learn several tricks that require mental adding to accomplish. • Learn quick puzzlers to present.
<p>Class Three: Dice Magic</p> <ul style="list-style-type: none"> • Review • Reading a Die's Mind • Dice Tunnel • Invisible Dice • Math Skit 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Present in front of a small group • Learn about/practice stage presence. • Use mental subtraction to perform tricks. 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Practice performing in front of others. • Learn elements of stage presence. • Learn dice tricks that involve mental subtraction to perform. • Learn a group act requiring mental math.
<p>Class Four: Card Magic</p> <ul style="list-style-type: none"> • Review • Yours, Mine, & Your Pocket • Cards to Envelope • 3.5 of Clubs 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Exhibit good stage etiquette. • Present in front of a small group • Use mental subtraction in a trick. • Get introduced to division & fractions. 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Practice performing tricks for others. • Learn stage etiquette—handling assistants, showing courtesy. • Learn 3 math-based card tricks.
<p>Class Five: Rehearsal</p> <ul style="list-style-type: none"> • Plan, Rehearse, & Coach Show. • Amazing Square Puzzle • If time: Change for \$1, Prizes, Book Test 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Perform several tricks in front of a group. • Have a strong opening & closing. • Not fear presenting in front of people. 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Review the entire course. • Perform tricks in front of each other. • Learn/practice openings & closings. • Learn an amazing topology puzzle.
<p>Class Six: Family Show</p> <ul style="list-style-type: none"> • Set up for show • Perform Family Show • Wand/Graduation Ceremony 	<p>Key Learning Objectives Students will be able to:</p> <ul style="list-style-type: none"> • Exhibit basics of good stagecraft • Speak & present in front of a group • Feel proud, star, & shine. 	<p>Specific Activities:</p> <ul style="list-style-type: none"> • Prep for show. Learn what must happen behind the scenes for success. • Perform before a real audience!

Concepts Introduced- Speaking, eye contact, stage presence, stage etiquette, opening & closing. Magic.

Skills/Outcomes- Learn to present in front of a group confidently, without fear. Learn 6 fundamental presentation skills. Hone mental adding & subtracting skills needed to carry out many of the tricks. Come away with tricks you can show friends and family.

MO Standards: Communication Arts Strand L, Big Idea 2: Develop speaking skills for various audiences and purposes; Goal 2-5: Perform in the fine and practical arts. Math Concept N3B: Develop and demonstrate fluency in mathematical computations. Math standard 1: Addition, subtraction.