

Grandfather Tang's Story
by Ann Tompert

Parts of the Lesson	Materials Needed
<p>I. Pre-Activity (Pre-assessment) Fold little doggies as shown on first page of book. As children make their doggies assess who will need help during the fold-a-tangram activity.</p>	<p>I. <u>Squares of colored paper</u> to fold doggie. <u>Crayons</u> to decorate. Assess spatial sense as kids fold the doggie and explain the process to other children.</p>
<p>II. Read the Book (Talking points) Do you have a grandmother or grandfather that you like to visit? What kinds of special things do you like to do when you visit your grandparents? Have you ever done puzzles? This book is about a grandfather who does tangram puzzles with his granddaughter. All tangrams have the same 7 pieces, but you can make lots of different pictures with them.</p>	<p>II. You will need at least one copy of <u>the book</u>. Each time a new figure is shown, count the pieces to make sure there are always 7 pieces. Each piece is called a "tan." There are 7 "tans" in every tangram.</p>
<p>III. Do the Math (Activities) Activity 1. Fold and cut your own large-size tangram pieces. (See directions.) Find similar shapes. Find shapes with right angles. What shapes can you put together to make a square? Can you make a square using 1,2,3,4,5,6 or all 7 pieces? Activity 2. Have each table make one of the tangram puzzles from the book. Glue them down on paper. - Retell the story & have a designated child hold up their tangram when their part of the story is told.</p>	<p>III. 1. <u>Large squares of colored paper for folding and cutting your own tans, or hand out precut pieces</u>. Have children use different colors to distinguish between their pieces and their neighbor's pieces. 2. <u>A copy of the book, torn apart, or photocopies of the pages with the tangram animals, so that different tables can make different animals. White paper and a glue stick for each table. A crayon to write the name of the animal you made.</u></p>
<p>IV. Wrap up Review: What did you learn about tangrams? [Then each child gets tangram puzzles to take home.]</p>	<p>IV. Wrap up <u>Tangrams to take home</u>, in plastic or cardboard, with <u>sample tangram pictures</u> to make when you get home.</p>