


Activity Instructions

Activity Name: How High Can Balls Bounce

Study: Balls

Objective for Learning: 7a,8b,11a

	<p>The following supplies are needed for this activity:</p> <p>Items in your home paper pencil/marker/crayon/pen</p>																														
<p>Instructions:</p> <ul style="list-style-type: none"> • Make 5 columns on a sheet of paper and label them, will bounce, how high, will not bounce, heavy, and light. • Choose a variety of items in your house make sure that some of them will bounce. • Place them on the table or a surface where your child can carefully observe and handle them. • Discuss with your child if he/she thinks any of the items will bounce and how high they think they will go. • Also discuss which ones are heavy and light. • As your child makes their predictions write them in the appropriate column using the name of the item. • Let your child practice dropping the items to see if their prediction is correct. Talk about the results. • Try dropping the items on different surfaces. If I drop the coin on the carpet it does not bounce. If I drop the coin on the hard floor it might bounce. Why is that? 																															
<table border="1" style="margin: auto; border-collapse: collapse; width: 80%;"> <thead> <tr> <th style="padding: 5px;">Will bounce</th> <th style="padding: 5px;">How high</th> <th style="padding: 5px;">Will not bounce</th> <th style="padding: 5px;">Heavy</th> <th style="padding: 5px;">Light</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Ball</td> <td style="padding: 5px;">really high</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">X</td> </tr> <tr> <td style="padding: 5px;">Balloon</td> <td style="padding: 5px;">a little</td> <td style="padding: 5px;">Spoon</td> <td style="padding: 5px; text-align: center;">X</td> <td style="padding: 5px; text-align: center;">X</td> </tr> <tr> <td style="padding: 5px;">Coin</td> <td style="padding: 5px;">a little</td> <td style="padding: 5px;">Shoe</td> <td style="padding: 5px; text-align: center;">X</td> <td style="padding: 5px; text-align: center;">X</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;">Peanut</td> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">X</td> </tr> <tr> <td colspan="5" style="padding: 5px; text-align: center;">* There Are No Wrong answers</td> </tr> </tbody> </table>		Will bounce	How high	Will not bounce	Heavy	Light	Ball	really high			X	Balloon	a little	Spoon	X	X	Coin	a little	Shoe	X	X			Peanut		X	* There Are No Wrong answers				
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