

*This worksheet is hyper-linked, click on **bold text** to access*

















SCIENCE

TECH

ENGINEER

ART

MATH

<p>1 Calculate your heart rate as you do different activities and compare. Click here to learn how. Which activity increased your heart rate the most? The least?</p>  	<p>2 Watch this video about routines. Then design your own invention that would help you get ready in the morning. Think about all the steps you take to get ready.</p>  	<p>3 Build Challenge: Who can build the tallest structure using 30 pieces of spaghetti, 1 meter of masking tape and string, and 1 medium sized marshmallow?</p>  	<p>4 Watch this video about optical illusions. It's your turn to create your own optical illusion using math. Click here for examples and ideas.</p>  	<p>5 Click here to go to the walkSTEM Explorer Math Games website. Pick at least one game to play - either <i>Adventures</i> or <i>Watch This, Do That</i>.</p>  
<p>6 Watch this video about the physics in dance. Now design your own dance that includes the angles : 0, 90, and 180 degrees. Share your dance with family and see if they can guess the angle!</p>  	<p>7 Click here to take a Reading Speed Test. Try reading different text and see how your reading speed changes. How is the website measuring your reading speed?</p>  	<p>8 Create your own Marble Run using any found items. See how quickly marbles go through. What would allow them to move faster? Slower? Watch this video for inspiration.</p>  	<p>9 Let's mix some colors to paint! On your palette experiment with mixing paint ratios. For example, try mixing 1 part white with 1 part red. Then try 1 part white with 2 parts red. Notice a difference? Continue mixing with different ratios for all the colors you have.</p>  	<p>10 Watch this video about finding the slope of a staircase. Now it's your turn to find the slope of a ramp, handrail or staircase near you.</p> 