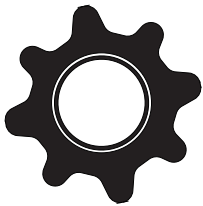


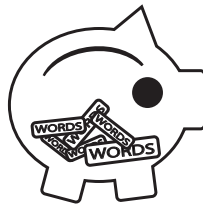
# Colorful Rainbow Science!

## CHOICE BOARD

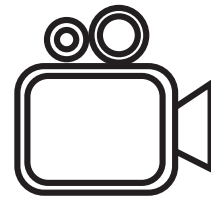
Complete a row of 3, horizontal, vertical, or diagonal! Check off each task you do. Staple or attach work (if possible) to this page when finished.



Print out (or draw) the electromagnetic spectrum and list 2-3 items that occur within each band.



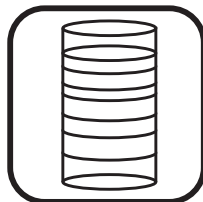
List and define 5 scientific terms related to visible light and rainbows.



Make a video or timelapse showing the candy diffusion activity.



Watch the Underwater Color Bursts video. Summarize what causes the color bursts.



Make a density column with at least 5 layers. Make a diagram of your final column.



Make a one-page poster that explains why we might see a rainbow after rain.



Do the Milk Rainbow activity and take photos of the colorful patterns you create (or draw them on paper).



Sketch a "walking water" setup (at least 5 cups). Label the colors used and predict what colors will be created.



Look up the density values for 5-7 household liquids. Make a list from least to most dense.