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| |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | | --- | | h | | **~experiment~** | |  | | 1) Obtain human teeth or viable alternative (animal teeth, Hydroxyapatite blocks, etc). | |  | | 2) Number each tooth (or cube). Note its weight, color (as compared to color gradient), shape and length/height/width. | |  | | 3) Obtain substances that are encountered in a regular eating habit, particularly substances that are acidic (soda, vinegar, orange juice, coffee), have high sugar concentration (soda, orange juice, etc), also include water as control. | |  | | 4) Measure 75ml of each substance into suitable container (petri dish, wax lined paper cup, etc). | |  | | 5) Place the teeth (or substitute) into containers filled with substances. Record time. | |  | | 6) At 6 to 12-hour intervals, remove the blocks. Wash, weigh, measure and observe color. Record observations. | |  | | 7) Continue at 6 to 12-hour intervals for 4 days. | |  | |