

**Sample skeleton code for the Starburst experiment. Students should end up writing something like this on the whiteboard. There is a great deal of flexibility in how detailed this script below could get, but the main things to touch on are 1) FOR loops, 2) Defining parameters, and 3) IF-ELSEIF-THEN statements.**

Define PACKAGE

Define CANDY

Define LOCATION 1,2,3,4

Define PINK, RED, ORANGE, YELLOW

FOR 1:(Number of Candies)

    Move hand over PACKAGE  
    Open PACKAGE 1 cm  
    Pick up CANDY  
    Raise hand with CANDY in front of face  
    IF CANDY == RED  
        Move hand over LOCATION 1  
        Lower hand to table  
        Drop candy  
    ELSEIF CANDY == PINK  
        Move hand over LOCATION 2  
        Lower hand to table  
        Drop candy  
    ELSEIF CANDY == YELLOW  
        Move hand over LOCATION 3  
        Lower hand to table  
        Drop candy  
    ELSEIF CANDY == ORANGE  
        Move hand over LOCATION 4  
        Lower hand to table  
        Drop candy  
END

END