

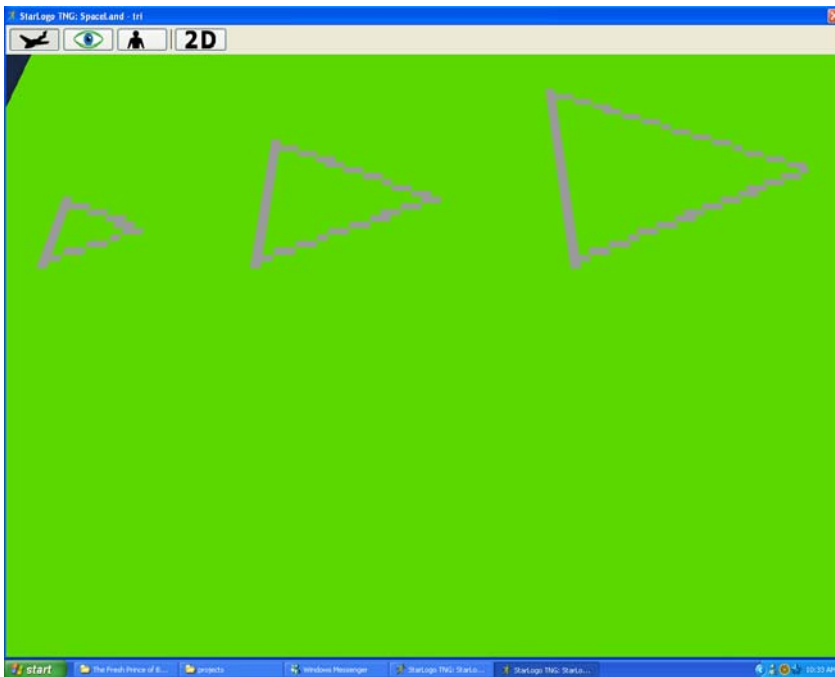
Learner Activity Sheet 6: Creating Different Polygons

Description:

This activity allows you to explore drawing different kinds and sizes of regular polygons.

Your Task:

1. Create a regular polygon of size 10. (For example, a pentagon, hexagon)
2. Create a program that allows the user to specify the size of the first triangle. The program then produces 3 triangles of increasing sizes. The output of this program is shown below.



3. Create a program that draws any regular polygon as specified by the user.
4. Create a program that allows the user to specify both the kind of regular polygon and the size of the polygon that is to be drawn.

Items for submission:

1. Program for creating a regular polygon of size 10
2. Program that accepts a user input which specifies the size of the triangle. It then produces 3 triangles of increasing sizes.
3. Program that accepts a user input which describes the kind of regular polygon to be drawn.
4. Program that accepts 2 user inputs. One specifying the kind of regular polygon to be drawn and the other specifying the size of the regular polygon.