



Intro to

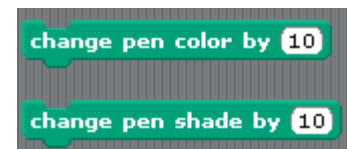
SCRATCH

Lesson 4
Drawing

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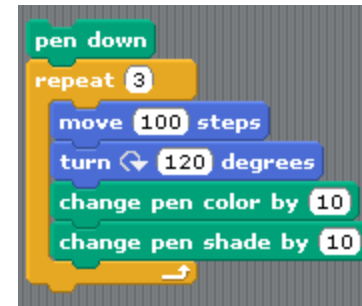
Draw a triangle

- Use **Pen blocks** and **Motion blocks** to draw
- Use **repeat block** to repeat the drawing three times
- Change **color** effects
- Use **clear block** to clear all the drawings



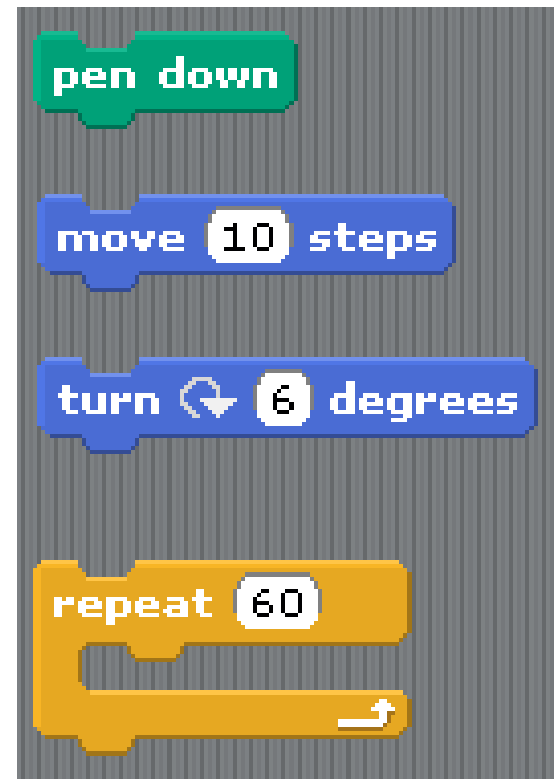
Sequence and Iteration

- Think systematically about the order of steps
 - Put the pen down before drawing
- **Forever and repeat** can be used for repeating a series of commands
- Use single stepping
 - Understand sequence
 - Diagnose problems



Draw a Circle

- Use the Paint Editor to create a dot
- Use blocks on the figure to draw a circle



Draw Patterns

- Combine the triangle/polygon script and circle script
- Save the picture
 - Right click the stage area

