Scratch!

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Programming from Left-to-Right

Programming from Top-to-Bottom

Stand Up

Stand Up
Raise Your Left Hand
Stand Up
Raise Your Left Hand
Put Your Right Hand on Top of Your Head

Stand Up
Raise Your Left Hand
Put Your Right Hand on Top of Your Head
Turn Around One Circle

Stand Up
Raise Your Left Hand
Put Your Right Hand on Top of Your Head
Turn Around One Circle
Repeat 3 Times
Meow Like a Cat
Count to 2
Put Your Hands Down

Stand Up
Raise Your Left Hand
Put Your Right Hand on Top of Your Head
Turn Around One Circle
Repeat 3 Times
Meow Like a Cat
Count to 2
Put Your Hands Down
Sit Down

Stand Up
Raise Your Left Hand
Put Your Right Hand on Top of Your Head
Turn Around One Circle
Repeat 3 Times
Meow Like a Cat
Count to 2
Put Your Hands Down
Sit Down
Smile!
What Kind of People Need to Tell the Computer Where to Put Things?
Scratch Screen Layout

“A Stage” (i.e., the scene)
Sprite Selection (the “waiting room”)
Sprite Manipulation
Run your Program!
Command Categories
Script Area

A Good Order to Start Doing Things In
1. Green flag puzzle piece
   3 Glide pieces
2. Additional actors
   3 Glides for each
3. Glides in a forever loop
4. Turn (rotate) and Change size
5. Turn (rotate) and Change size in Forever loops
6. Multiple threads
7. Background
8. Sound

Keep an Actor Spinning

When the Green Flag gets waved, does only one car get to start, or all of them?

Keep an Actor Changing Size

http://www.skirtsandscuffs.com/2011_03_01_archive.html