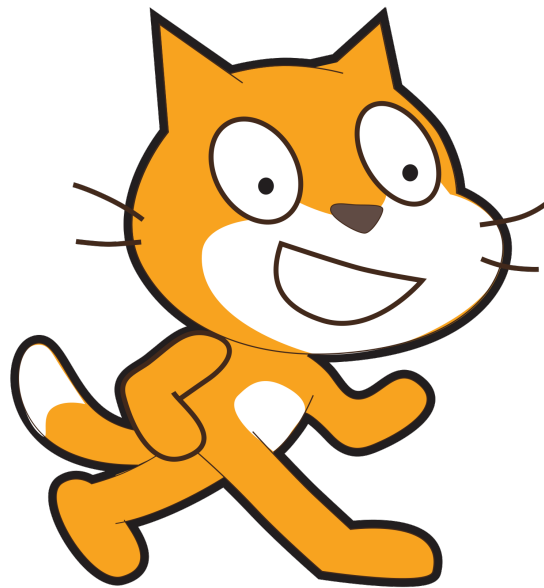


Scratch Programming Challenges!



Vinson Owen School
Ms. Tapley's 2nd Grade Class
Compiled by Emily Taintor

Challenge #1!

Make Scratch glide around the edge of the screen, turning at each corner.

How would you instruct your partner to do it using words?

Which blocks seem like they could be useful for this challenge? Describe or draw.



Now try it on Scratch!

Challenge #2!

Make Scratch walk across the screen and fall down and say "Ouch!" when it hits a wall!

How would you instruct your partner to do it using words?

Which blocks seem like they could be useful for this challenge? Describe or draw.



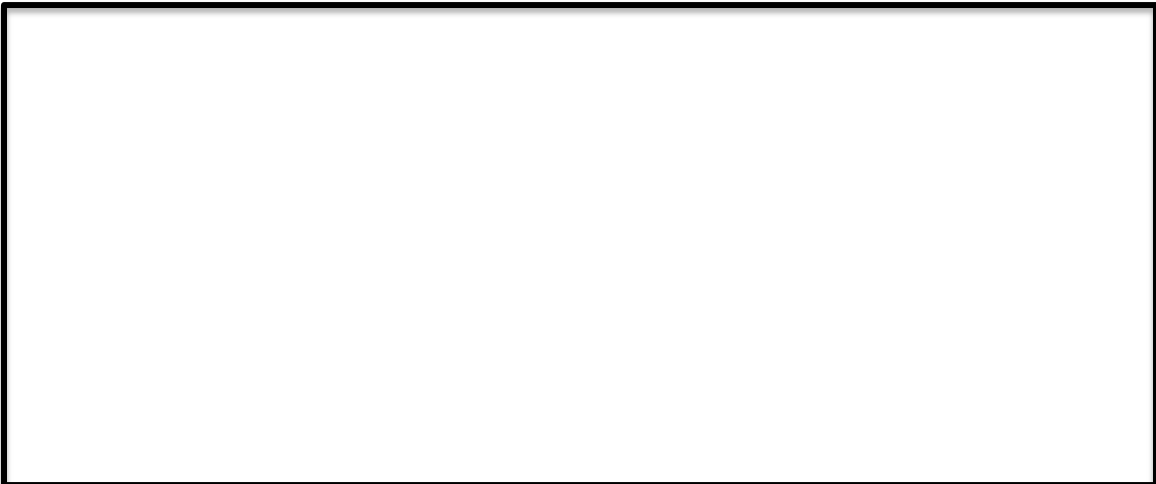
Now try it on Scratch!

Challenge #3!

Make Scratch draw a pattern on the screen that stops and goes away when you press the space bar!

How would you instruct your partner to do it using words?

Which blocks seem like they could be useful for this challenge? Describe or draw.



Now try it on Scratch!

Challenge #4!

Make Scratch act like a robot that you want to do your homework for you!

General Outline of Robot Task(s):

Now, put this into Robot Language (programming):

How would you instruct your partner to do it using words?

Which blocks seem like they could be useful for this challenge? Describe or draw.



Now try it on Scratch!