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studio.code.org/s/20-hour

My Dashboard Course Catalog Projects Create KRITITHEE ?

Accelerated Intro to CS Course

This 20-hour course covers the core computer science and programming concepts in courses 2-4. The course is designed for use with ages 10-18. Check out courses 2-4 for a more complete experience!

Continue Get Help

Lesson Name	Progress
1. Introduction to Computer Sci...	Unplugged Activity
2. The Maze	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
3. Computational Thinking	Unplugged Activity
4. Graph Paper Programming	Unplugged Activity
5. The Artist	1 2 3 4 5 6 7 8 9 10
6. Algorithms	Unplugged Activity
7. The Artist 2	1 2 3 4 5 6 7 8 9 10 11
8. Functions	Unplugged Activity
9. The Farmer	1 2 3 4 5 6 7 8 9 10 11
10. Conditionals	Unplugged Activity
11. The Artist 3	1 2 3 4 5 6 7 8 9 10 11
12. Song Writing	Unplugged Activity

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studio.code.org/s/20-hour/lessons/5/levels/10

Lesson 5: The Artist 10 MORE KRITITHEE ?

Instructions

You made it! Now, draw anything you want. Some fun ideas: a stick figure, snowflake, or spiral. Also try the new "set width" block. Have fun!

Blocks Workspace Start Over Show Code

move forward by 100 pixels

turn right by 90 degrees

set color

set color random color

repeat 4 times

do

set width 1

when run

set width 2

turn left by 90 degrees

move forward by 100 pixels

turn left by 135 degrees

move forward by 100 pixels

turn left by 135 degrees

move forward by 100 pixels

turn left by 90 degrees

set color

move forward by 70 pixels

set color

turn right by 90 degrees

move forward by 40 pixels

repeat 180 times

do

move forward by 0.4 pixels

turn right by 1 degrees

move forward by 20 pixels

repeat 180 times

do

move forward by 0.4 pixels

turn left by 1 degrees

move forward by 30 pixels

Reset Finish

Need help? See these videos and hints

Artist Intro

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studio.code.org/s/20-hour/lessons/7/levels/2

Lesson 7: The Artist 2 2

KRITTITHEE

Instructions

Add a "turn right by 90 degrees" block somewhere in the middle of the program already out on the workspace to draw these triangles.

Workspace: 8 / 8 blocks

Start Over Show Code

move forward by 120 pixels

turn right by 90 degrees

set color

set color random color

repeat 4 times

do

when run

set color random color

repeat 3 times

do

move forward by 100 pixels

turn right by 120 degrees

turn right by 90 degrees

set color random color

repeat 3 times

do

move forward by 100 pixels

turn right by 120 degrees

Reset

Need help? See these videos and hints

Repeat Times Block