# Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Lesson 1: Be the Programmer:

Write an algorithm to show someone how to create the following design, starting in the upper left hand corner, using only the following instructions:

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**Instructions Key:**

← = move 1 square left

➔ = move 1 square right

↑ = move 1 square up

↓ = move 1 square down

**** = color in this square

# Be the Computer:

Follow the set of instructions below to create a design. using only the following instructions:

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| **Instructions:**  ↓ ➔ **** ➔ **** ➔ **** ➔ ****  ↓ **** ↓ **** ↓ **** ↓ ****  ← **** ← **** ← **** ← ****  ↑ **** ↑ ****↑ ****  ➔ ➔ ↓ **** |

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# Creating algorithms for everyday tasks:

**Brushing your teeth**

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**Tying your shoes**

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**Making toast**

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**Making a root beer float**

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**Making a s’more**

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