matata studio

5+
STEAM

Activity Cards

Artist Add-on Pack

Coding Set

Artist Add-on

Zodiac Constellations

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1 Sequence

Art

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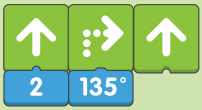
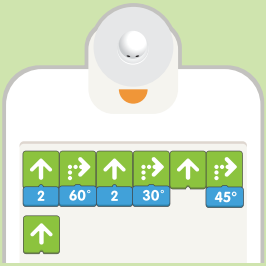
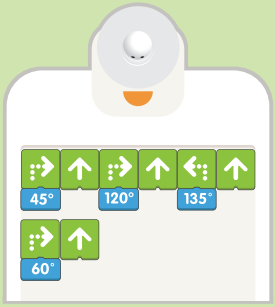
1 Introduce the Number and Angle blocks and show students how to use them together. (Angle blocks can be only placed under Turn left and right blocks)

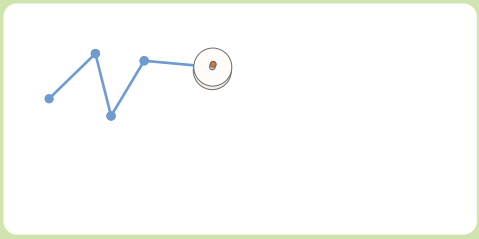


2 Use Motion, Number and Angle blocks to draw one of the zodiac constellations. (The drawing does not need to be exactly the same as the zodiac constellation.)



3 Ask students to program MatataBot to create their own constellation vectors on a big white paper. (one example is shown below.)





4 Use color pens to decorate this painting.

2 Loops

Art

Coding Set

Artist Add-on

MatataStudio Ice Cream Shop

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2 Loops

Art

Coding Set
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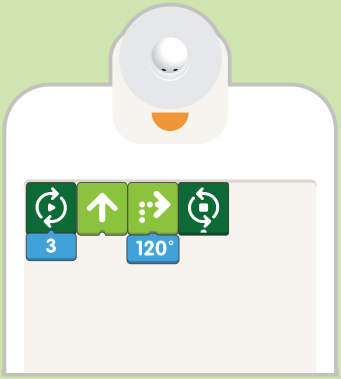
1 Introduce the triangle drawing program.

2 Ask students to use Loop and Number blocks to simplify this program and place the simplified program on the control board to program MatataBot to draw a triangle.



3 Use colored pens to decorate the triangle as an ice cream with a cone.

3 Loops

Art

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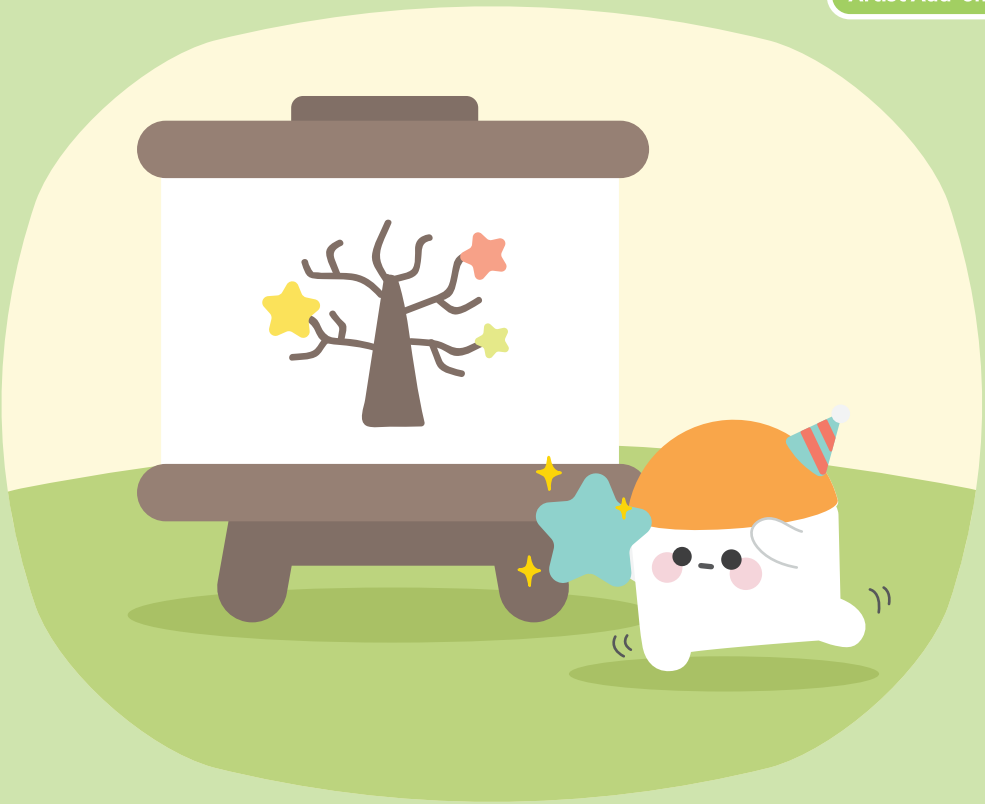

MatataStudio Class Tree

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3 Loops

Art

Coding Set
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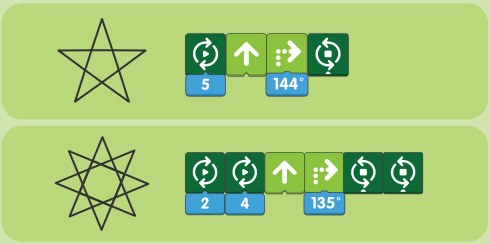
1 Prepare a large white paper and print or draw a large tree on the paper.

2 Introduce pentagram and octagon drawing programs.



3 Ask students to place these programs on the control board to program MatataBot to draw a pentagram or an octagon on different color papers.

4 Cut out the pentagram or octagon out of papers and use colored pens to decorate and write names on them to make them name tags. Put the name tags on the tree to finish the class tree.