

Group:

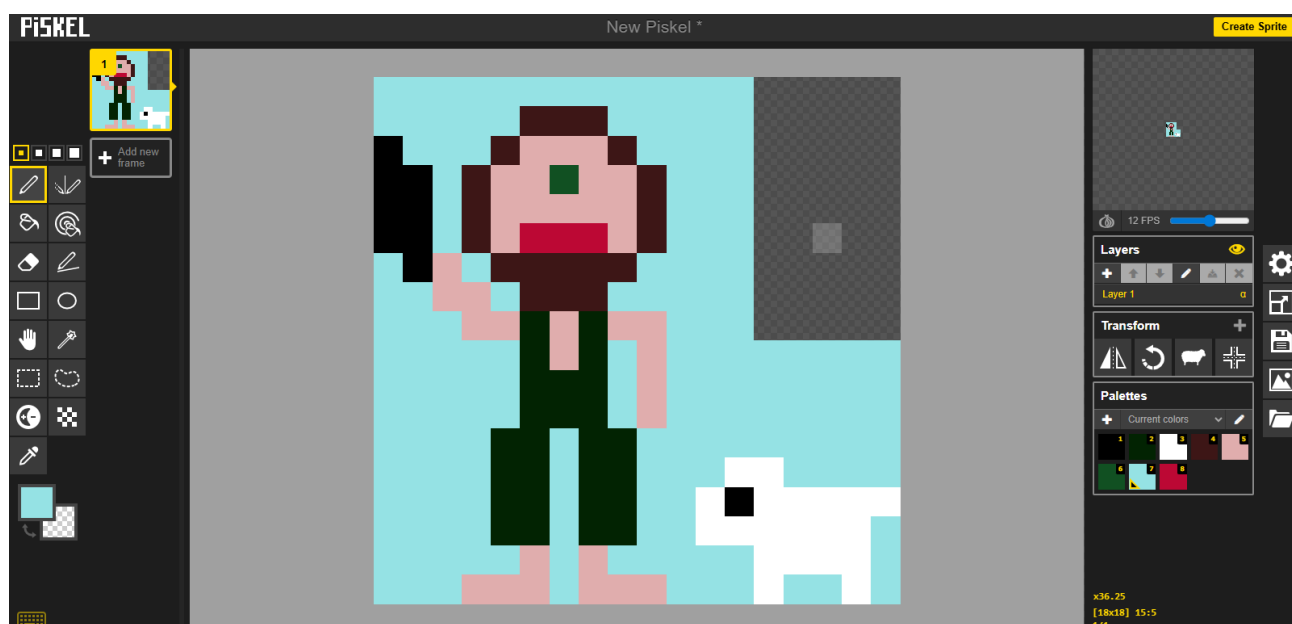
Make a pixelart picture of the Cyclops and the sailors!

Use ArTeC blocks and baseplate!



Work in the Piskelapp application!

<https://www.piskelapp.com/kids/>



ULYSSES

S23
T1-4
L1

Group:

Fill in the square grid below according to the rules.

Binary colouring (binary) At the ends of a tree-like diagram you see colours, which you can access through an "up-down" decision process. To select the colour of each field, start from the centre and work your way up or down the branches of the diagram, based on the elements of the numerical sequence associated with that field, to the colour you want to select.
E.g.: 101 -> up - down - up
0100 -> down - up - up - down - down



White
Yellow
Pastel
Orange
Orange
Water blue
Red
Pink
Pastel Green
Light grey
Deep purple
Deep grey
Light blue
Deep green
Deep blue
Light yellow
Black

1111	1111	1111	1111	0101	0101	0101	0101	0101	1111	1111	1111
1111	1111	1111	1111	0101	0111	0011	0111	0101	1111	1111	1111
1111	1111	1111	1111	0101	0111	0111	0111	0101	1111	1111	1111
1111	0100	0100	0101	0101	0101	0101	0101	0101	0101	0100	0100
1111	0100	0100	0101	0111	0111	0111	0111	0111	0101	0100	0100
1111	0101	1111	0101	0111	1110	1110	1110	0111	0101	1111	0101
1111	0101	1111	0101	0111	1110	1110	1110	0111	0101	1111	0101
1100	1100	1100	0101	0101	0101	0101	0101	0101	0101	1100	1100
1100	1111	1100	1111	0101	0101	1111	0101	0101	1111	1100	1111
1111	1111	1111	1111	0101	0101	1111	0101	0101	1111	1111	1111
1111	1111	1111	1010	1010	1010	1111	1010	1010	1010	1111	1111
1111	1111	1111	1010	1010	1010	1111	1010	1010	1010	1111	1111



Draw Greek sailers big and small!

Scale means calculating the total number of operations needed to make a smaller shape into a larger one, while keeping the ratio of the sides of the shape unchanged.

Draw the Greek ship as a giant based on the small grid.

Tip: count the squares carefully and colour them in the right order. You can label the x and y axis (1,2,3... and a, b, c...)

