



Unit: 1.1 Online Safety and Exploring Purple Mash

Learning intention: To understand how to use Purple Mash safely.

purple
mash

log in

Username:

Grid of animal icons:

1	2	3
4	5	6
7	8	9

Buttons: 0

work



alerts



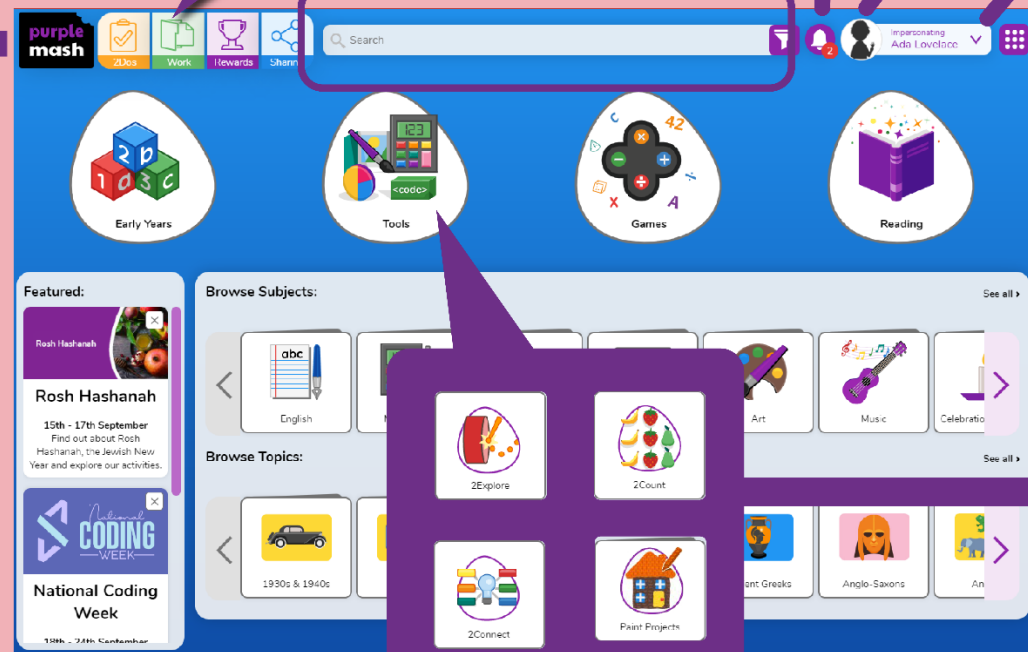
avatar



log out

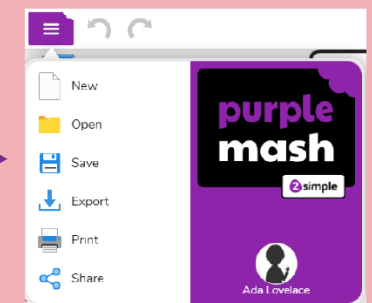


searching



tools and icons

menus

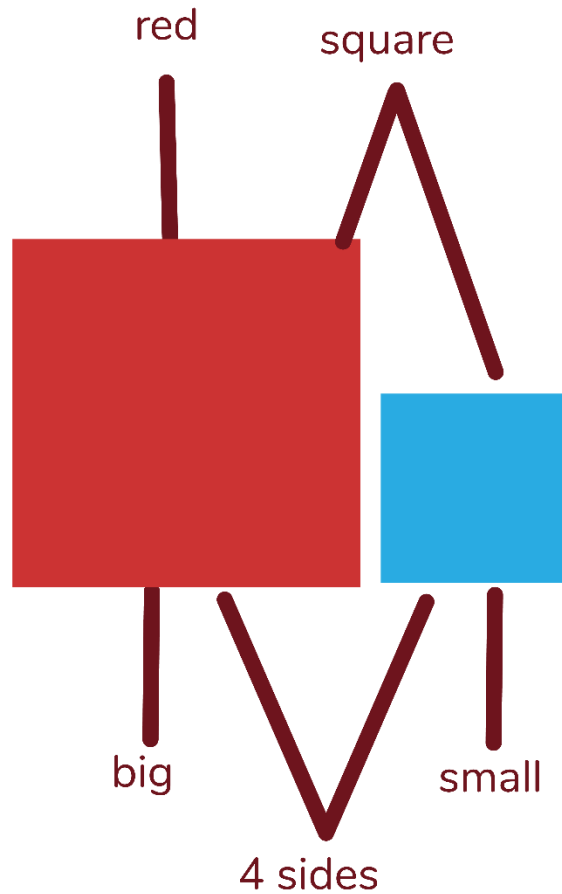




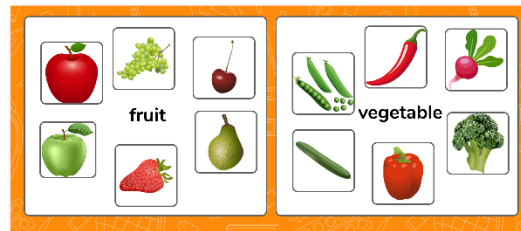
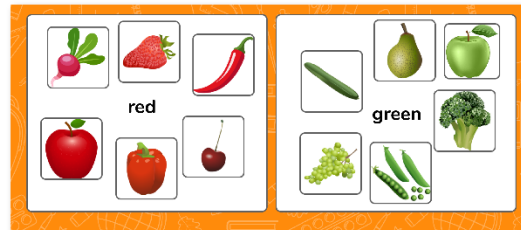
Unit: 1.2 Grouping and Sorting

Learning intention: To understand criteria for sorting and grouping

Describing

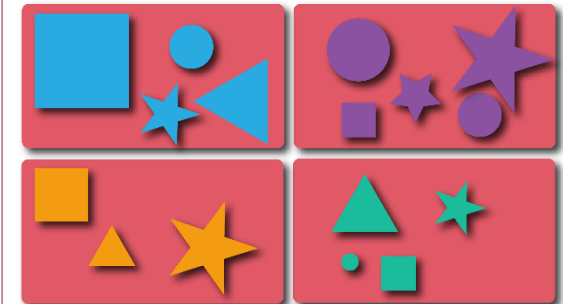


Grouping and sorting

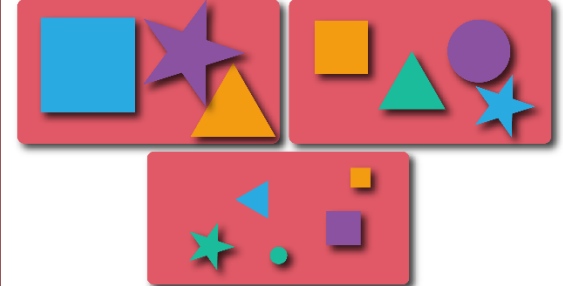


Criteria

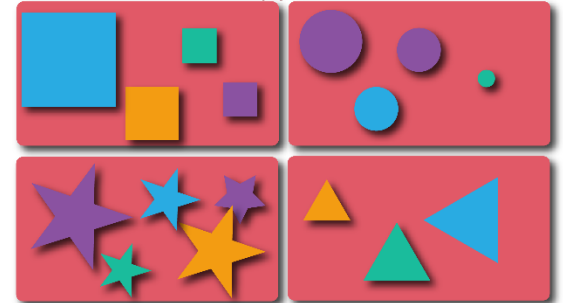
colour



size



type



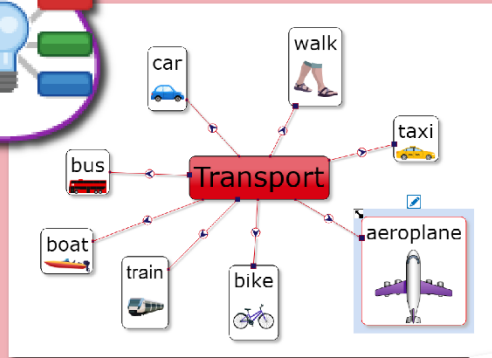
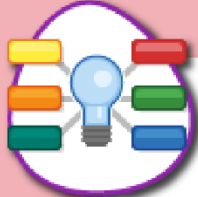


Unit: 1.3 Pictograms

Learning intention: To understand how data can be represented in a picture format.

purple
mash

Data can be found everywhere.



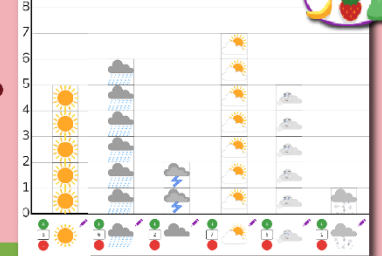
Data

A collection of information, used to help answer questions.

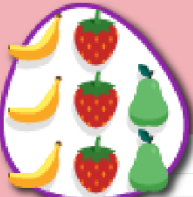
daily weather or temperature



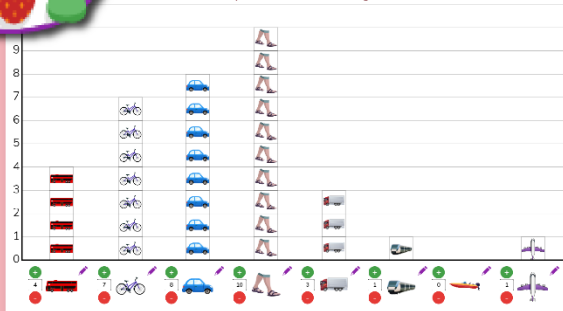
Weather Pictogram



What other data could you explore?



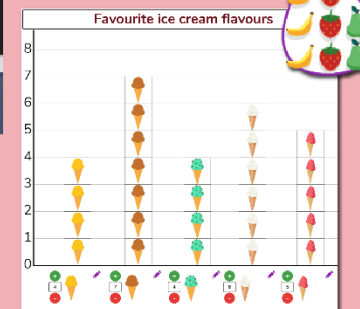
Transport Pictogram



favourite ice cream flavours



Favourite ice cream flavours



modes of transport





Unit: 1.4 Lego Builders

Learning intention: To learn about precise instructions.

purple
mash

Instructions and Algorithms

Scan the QR code to listen to these instructions



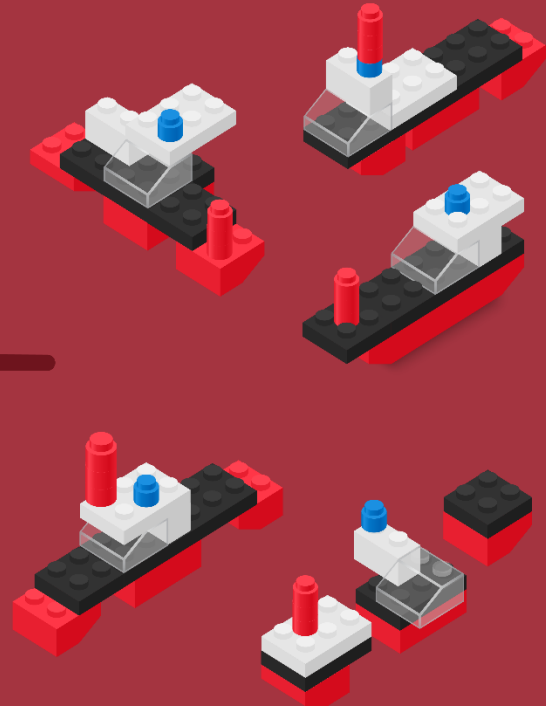
Put the black pieces in a line on top of the red pieces with the slopes at the end.

Put the other white piece on the top. Put the blue piece on top of the white.

Put the transparent piece on the top with the white piece next to it.

Make a tower with the little red pieces and put it on the front piece.

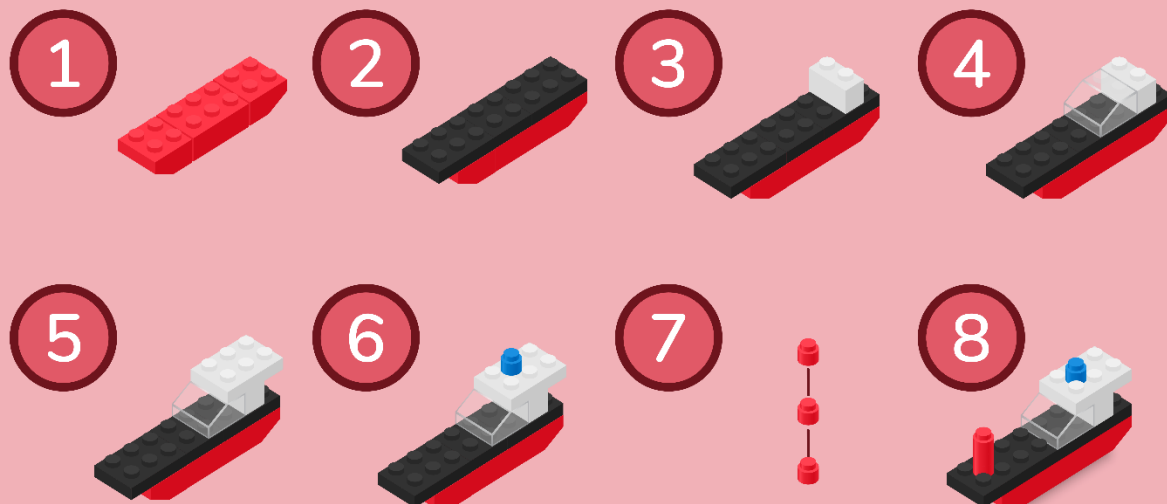
Possible builds



Are the instructions good enough?

Algorithm

A precise, step-by-step set of instructions used to solve a problem or achieve an objective.

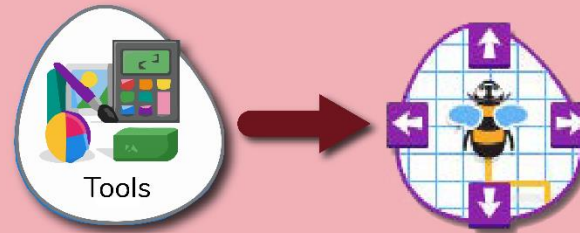




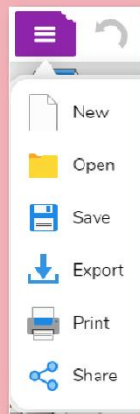
Unit: 1.5 Maze Explorers

Learning intention: To understand how to create and debug an algorithm using 2Go.

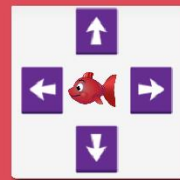
purple
mash



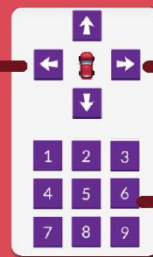
menus



directions

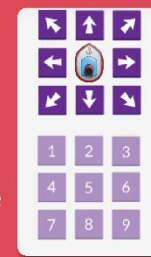


left



distance

right



algorithm

instruction



2Go Tools

speed



pen colour and
width



settings



rewind



undo





Unit: 1.6 Animated Stories

Learning intention: To create an animated ebook using 2Create a Story.



Tools



Animation



undo & redo

play book



sounds

menus



eraser

paint
tools

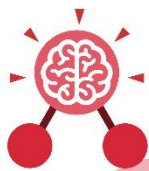


background

picture

text

page controls



Unit: 1.7 Coding

Learning intention: To understand how to create and run a simple program.

purple
mash



code view

code blocks

objects

event

command

actions

algorithm

Challenge: Make your own computer program using 2Code

Output: print to screen, sound, alert

Control: timer, repeat, repeat over

Events: when key, when clicked, when swiped, collision detection

Objects: background, salmon, tuna, crab, trout, clownfish

when clicked: crab

crab ?

up, down, left, right, stop, hide, show, Speak, image

debugging

design view

execute program (run code)

objects

attributes

background

Challenge: Make your own computer program using 2Code

See Code

Animal Attributes: Clone

Name: clownfish

tags: animal X Add Tag

image: clownfish

movement: Stopped

allow off screen: No

scale: 40

show/hide: show

Draggable: No

object



Unit: 1.8 Spreadsheets

Learning intention: To use advanced features of a spreadsheet to analyse data.

spreadsheet

rows

cell

columns

tools

Tools

images

value

controls

move

lock

count

speak



Unit: 1.9 Technology Outside School

Learning intention: To recognise that technology is all around us.

purple
mash

Technology uses knowledge to solve problems

Technology in School



What else did you find?

What technology helps with each situation?

Technology outside



Technology at home

