

Binary Egg Hunt Challenge

Binary - what is it?

Computers work in binary. Binary uses only two digits – 0 and 1. Computers store data using zeros or ones. For a computer to understand information and instructions, they use binary. Computers love binary!

Egg Hunt Activity

Step 1 Colour in and cut out your eggs using the Egg template.
Step 2 Decide on the secret egg locations around the home/garden (e.g. washing machine, shed, jewellery box) and write(encrypt) the location using Binary on the clue cards.
Step 3 Hide the eggs in these locations – check no-one is peeping!
Step 4 Give the clues to another person to decrypt and find the hidden eggs. Make it more difficult by adding a time limit!

What You'll Need

Pens/pencils/scissors
Binary chart print out
Blank clues printout
Eggs colouring template
Chocolate egg(optional)
At least two people

Why are we doing this?

This lets you practise using binary and helps you understand how computers think and function. This will also improve your problem-solving skills.

Binary Egg Hunt

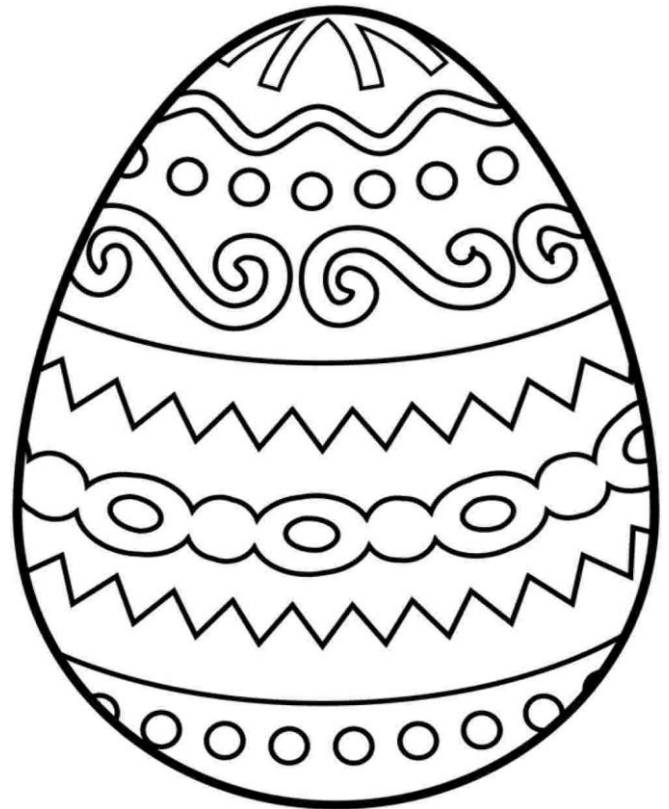
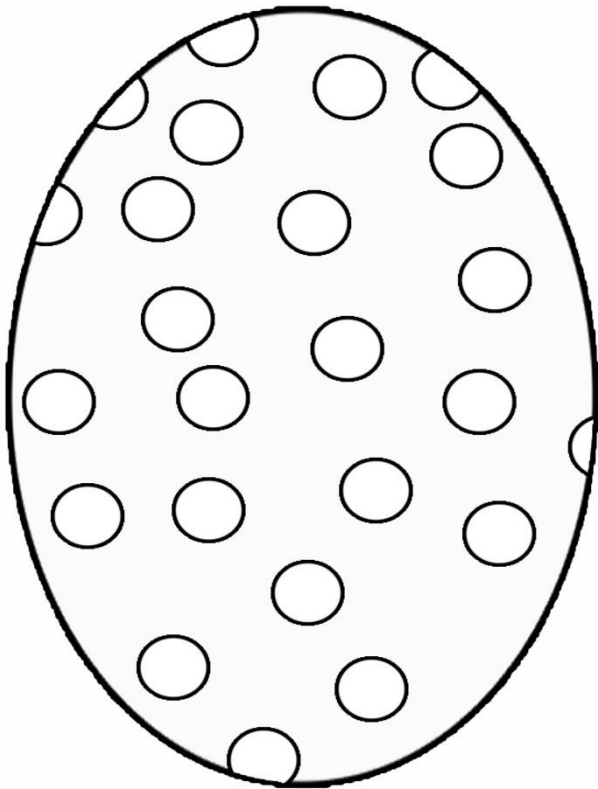
Binary Clue 1

Binary Clue 2

Binary Clue 3

Binary Clue 4

Egg Template



technocamps

Playground

computing



A	01000001
B	01000010
C	01000011
D	01000100
E	01000101
F	01000110
G	01000111
H	01001000
I	01001001
J	01001010
K	01001011
L	01001100
M	01001101
N	01001110
O	01001111
P	01010000
Q	01010001
R	01010010
S	01010011
T	01010100
U	01010101
V	01010110
W	01010111
X	01011000
Y	01011001
Z	01011010

a	01100001
b	01100010
c	01100011
d	01100100
e	01100101
f	01100110
g	01100111
h	01101000
i	01101001
j	01101010
k	01101011
l	01101100
m	01101101
n	01101110
o	01101111
p	01110000
q	01110001
r	01110010
s	01110011
t	01110100
u	01110101
v	01110110
w	01110111
x	01111000
y	01111001
z	01111010