

# Seniors

# ESCAPE ROOM






## THEMED PROGRAMME



### AIM

You're locked in a room and the only way out is by working together as a team to solve the puzzles, find the clues and crack the 4-digit code before your time runs out. Will you escape in time?

### ACTIVITIES

-  The Lost Luggage
-  My Favourite Children's Songs
-  Symbols Grid
-  Missing Number Quiz
-  The Unlocked Door

# ESCAPE ROOM

## » INTRODUCTION

This four digit escape room has four challenges to complete, each providing you with a number for the padlock.

This activity should be set up by a leader beforehand, using the instructions found in the card. Set up all four activities in the same room. Young people should then enter the room and be provided with no instructions, instead having to work out for themselves what to do.

Time the challenge, to see how long the group(s) take.

## 🏆 COMPETITION


- During January & February 2022, we'll be holding a competition to see which team can escape in the fastest time (Company/Seniors).
- Leaders should set up the room exactly how described in the instructions.
- The winning team will receive £40 in pizza vouchers for the group to enjoy a tasty treat
- Further instructions for set up and rules can be found on our website at <https://boys-brigade.org.uk/escape-room/>



## GET LEARNING: PROBLEM SOLVING THE LOST LUGGAGE

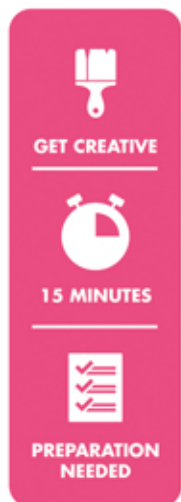
**Challenge:** Track down the missing luggage by working out which airport each plane has arrived from, using the luggage tags as clues.

### SET UP

- 1  Download and print the lost luggage tags, the world map and the airport codes list.
- 2 Cut the luggage tags and plane numbers into individual cards. Place the luggage tags in a pile on a table. Place the map in the middle of the table and the plane numbers below the map.
- 3 Cut the airport codes lists into their 6 separate boxes. These should be stuck to the walls around the room, well spread out from each other, meaning young people will need to communicate with each other to solve the puzzle. The sheets cannot be removed from the wall.

### THE CHALLENGE / SOLUTION

- 1 The young people participating shouldn't be told anything about this activity. They should try to figure it out themselves based on what is in front of them. Should they need a clue, then give a small prompt but add on 1 minute to the group's time for each clue.
- 2 To solve this challenge you need to realise that there are 17 locations / airports on the map, but only 16 luggage tags. The missing luggage tag will show which number airport the missing luggage must be at. Use the aeroplane numbers to keep a track of which luggage tag has come from which number on the map. The aeroplane without a luggage tag is the key to solving this puzzle.
- 3 The location number which does not have a corresponding luggage tag is location 5. This is the first digit needed to escape.




## GET CREATIVE: PLAYING & MAKING MUSIC

# MY FAVOURITE CHILDREN'S SONGS

**Challenge:** You've found a book of 10 favourite children's songs, however you only have music for 9 of them. Which children's song secretly isn't one of the favourites and is the key for escape?

### SET UP

- 1  Download and print the children's songs book and the musical notes sheets.
- 2 Cut the musical notes along the grey dotted lines, giving you 9 slips of paper. Spread these out on a table, along with the book of children's songs.
- 3 For this activity you'll need a piano or keyboard. Alternatively use a piano app such as 'The Piano Keyboard'. Using stickers (or similar), label the white notes from middle C to the C above it. If using the app, the notes should be labelled for you.

### THE CHALLENGE / SOLUTION

- 1 The young people participating shouldn't be told anything about this activity. They should try to figure it out themselves based on what is in front of them. Should they need a clue, then give a small prompt but add on 1 minute to the group's time for each clue.
- 2 To solve this challenge you need to realise that there are 10 songs on the book cover, but only 9 pieces of music on the table. The missing children's song (and its corresponding number) is the number needed for the padlock. Use the piano / keyboard / app to play the music and eliminate the songs on the book cover, until you are just left with the one missing song. Be careful though, not all the music starts from the beginning of the song, so you'll have to play around with the notes until you can work out the tune.
- 3 The song title that does not have any music is 'The Wheels on the Bus', which is number 3.




## GET LEARNING: PROBLEM SOLVING

# SYMBOLS GRID

**Challenge:** Find the activity area symbols hidden around the room, use the grid to translate them into numbers and signs and finally do the maths to reveal the hidden number.

### SET UP

- 1  Download and print the activity area symbols and the grid sheet.
- 2 Place the grid sheet on a table on its own with 8 coins / counters next to it.
- 3 Cut the activity area symbols into their 8 individual sections (as per the numbers). Hide these slips around the room, stuck to walls, under tables etc. They should require a little bit of looking before being found.

### THE CHALLENGE / SOLUTION

- 1 The young people participating shouldn't be told anything about this activity. They should try to figure it out themselves based on what is in front of them. Should they need a clue, then give a small prompt but add on 1 minute to the group's time for each clue.
- 2 To solve this challenge young people will need to find the 8 slips of paper around the room. Starting with slip 1, they should use the pairs of activity areas as co-ordinates. Place a coin / counter on the grid for each co-ordinate. This will reveal a number or a maths symbol. Add these numbers / symbols to the boxes at the bottom of the grid sheet, to reveal a maths equation. Solve the equation to reveal the next hidden number to help unlock the padlock.
- 3 The equation is  $7 - 1 \times 0 + 6 = 6$ . You can tell the group they should not follow BODMAS to solve the puzzle, but instead treat the equation one step at a time. (i.e.  $7 - 1 = 6$ .  $6 \times 0 = 0$  etc)



## GET LEARNING: PROBLEM SOLVING MISSING NUMBER QUIZ

**Challenge:** Solve the numbers quiz to reveal the missing number and the key to escaping.

### SET UP

- 1  Download and print the 'Numbers Escape Quiz' sheet. Place this on a table.

### THE CHALLENGE / SOLUTION


- 1 The instructions for this activity can be found at the top of the printable activity sheet.
- 2 To solve this challenge young people will need to answer each of the 19 questions on the sheet. All the answers are a number between 1 and 20. The number not used in the answers (as there are only 19 questions), is the final number needed to escape.
- 3 Should the group need to use Google to answer a question, 1 minute should be added to the group's time for each question that requires help.
- 4 The answers to the questions can be found on the answer sheet. The missing number is 7.

**Now you've completed all 4 challenges you should have the 4-digit code to enable you to escape. Note the time your group achieved and submit your results for our nationwide competition by 1<sup>st</sup> March 2022.**



## GET INTO THE BIBLE: DEVELOPING MY FAITH THE UNLOCKED DOOR

This activity is NOT part of the Escape Room puzzle, but something to follow on after completing the challenges.

- 1 Spend some time reflecting on how you got on in the escape room. What did the group find difficult? Which puzzle felt the hardest to crack?
- 2 Escape rooms are all about being put through your paces and having to jump through hoops and pass 'tests' in order to unlock the door and claim the prize (i.e. the right to escape).
- 3 In our escape room the door was 'locked' with a 4 digit padlock, which we needed a code for in order to get out. What other ways can doors be locked / unlocked? (Keys, bolts, sensors, fobs, codes, fingerprints etc).
- 4 In an escape room there are usually puzzles and challenges to complete to open the door. Can the same be said when it comes to opening the door of heaven and claiming eternal life?
- 5 The Bible tells us in **John 10 v 7-9** how Jesus is the doorway to being saved through him. This door requires no secret code or hidden lock. This door is not only unlocked, but wide open for us to walk through whenever we chose.  
 **'I am the door, and the person who enters through me will be saved.' John 7:9**
- 6 Do you have the confidence to walk through that open door? Do you have the faith to take that step? If not, what is holding you back? What do you need to give to God to step over the line?
- 7 Finish in prayer, thanking God for giving us the unlocked and opened door to eternal life. Pray for the strength and faith needed to use that doorway and grow in faith.



# LUGGAGE TAGS



# LUGGAGE TAGS / PLANE NOS



# AIRPORT CODES

GTW - Gatwick Airport, United Kingdom  
ATL - Atlanta Airport, USA  
PEK - Beijing Airport, China  
DEN - Denver Airport, USA  
CAI - Cairo International Airport, Egypt  
PVG - Shanghai Airport, China  
DXB - Dubai International Airport, Dubai  
IST - Istanbul Airport, Turkey  
CDG - Charles de Gaulle Airport, France  
LHR - London Heathrow Airport, United Kingdom  
MEX - Mexico City International Airport, Mexico  
SGN - Tan Son Nhat International Airport, Vietnam  
CJU - Jeju International Airport, South Korea  
AMS - Amsterdam Airport, Netherlands  
SVO - Sheremetyevo International Airport, Russia  
FRA - Frankfurt Airport, Germany  
MAD - Madrid Barajas Airport, Spain  
DME - Moscow Domodedovo Airport, Russia

MUC - Munich Airport, Germany  
MCO - Orlando Airport, USA  
LOS - Murtala Muhammed International Airport, Nigeria  
SYD - Sydney Airport, Australia  
MNL - Ninoy Aquino Airport, Philippines  
FCO - Leonardo da Vinci Airport, Italy  
NRT - Narita International Airport, Japan  
DMK - Don Mueang International Airport, Thailand  
ORD - Chicago O'Hare International Airport, USA  
GRU - Sao Paulo International Airport, Brazil  
JED - King Abdulaziz International Airport, Saudi Arabia  
MEL - Melbourne Airport, Australia  
BOG - El Dorado International Airport, Colombia  
BOM - Mumbai International Airport, India  
DUB - Dublin Airport, Ireland  
ZRH - Zurich Airport, Switzerland  
CPH - Copenhagen Airport, Denmark  
KIX - Kansai International Airport, Japan

MAN - Manchester Airport, United Kingdom  
LIS - Lisbon Portela Airport, Portugal  
OSL - Oslo Airport, Norway  
ARN - Stockholm Arlanda Airport, Sweden  
AYT - Antalya Airport, Turkey  
STN - London Stansted Airport, United Kingdom  
BRU - Brussels Airport, Belgium  
DUS - Dusseldorf International Airport, Germany  
VIE - Vienna International Airport, Austria  
SLC - Salt Lake City International Airport, USA  
YVR - Vancouver International Airport, Canada  
BHD - George Best Belfast City Airport, United Kingdom  
AUH - Abu Dhabi International Airport, Abu Dhabi  
CUN - Cancun International Airport, Mexico  
BNE - Brisbane International Airport, Australia  
WUH - Wuhan Tianhe International Airport, China  
ABZ - Aberdeen Airport, United Kingdom  
BZE - Belize City Airport, Belize

BXO - Bissau International Airport, Guinea-Bissau  
KIN - Kingston Norman Manley Airport, Jamaica  
BKK - Suvarnabhumi Airport, Bangkok  
JRO - Kilimanjaro Airport, Tanzania  
MIL - Milan International Airport, Italy  
PEN - Penang International Airport, Malaysia  
ZSS - Sassandra Airport, Cote d'Ivoire  
URZ - Uruzgan Airport, Afghanistan  
LAB - Labe Airport, Guinea  
JAK - Jacmel Airport, Haiti  
MIA - Miami International Airport, USA  
HNK - Hiroshima International Airport, Japan  
CGP - Chittagong Airport, Bangladesh  
CHC - Christchurch Airport, New Zealand  
IBZ - Ibiza Airport, Spain  
LUN - Lusaka International Airport, Zambia  
YYZ - Toronto International Airport, Canada  
VAR - Varna Airport, Bulgaria

# AIRPORT CODES

DCA - Ronald Reagan National Airport, USA

WLG - Wellington Airport, New Zealand

SZZ - Stettin Airport, Poland

RIX - Riga International Airport, Latvia

SLU - Saint Lucia Hewanorra, St Lucia

OPO - Porto Airport, Portugal

JFK - John F Kennedy NY Airport, USA

MBK - Montego Bay International Airport, Jamaica

HND - Tokyo International Airport, Japan

SEZ - Seychelles International Airport, Seychelles

LAS - Las Vegas Airport, USA

HKG - Hong Kong International Airport, Hong Kong

GUA - Guatemala City International Airport, Guatemala

CPT - Cape Town International Airport, South Africa

DND - Dundee Airport, United Kingdom

CND - Constanta International Airport, Romania

CBR - Canberra Airport, Australia

ALG - Algiers Houari Boumediene Airport, Algeria

DEL - Indira Gandhi Airport, India

DOH - Hamad International Airport, Qatar

ANR - Antwerp Airport, Belgium

ANU - Antigua V.C. Bird International Airport, Antigua and Barbuda

EDI - Edinburgh Airport, United Kingdom

FPO - Grand Bahama International, Bahamas

OHD - Ohrid Airport, Macedonia

PFO - Paphos Airport, Cyprus

ROM - Rome International Airport, Italy

TLV - Tel Aviv Ben Gurion International Airport, Israel

TCI - Tenerife Airport, Spain

ATH - Athens International Airport, Greece

RIO - Rio de Janeiro Airport, Brazil

COO - Cotonou Cadjehoun Airport, Benin

KWI - Kuwait International Airport, Kuwait

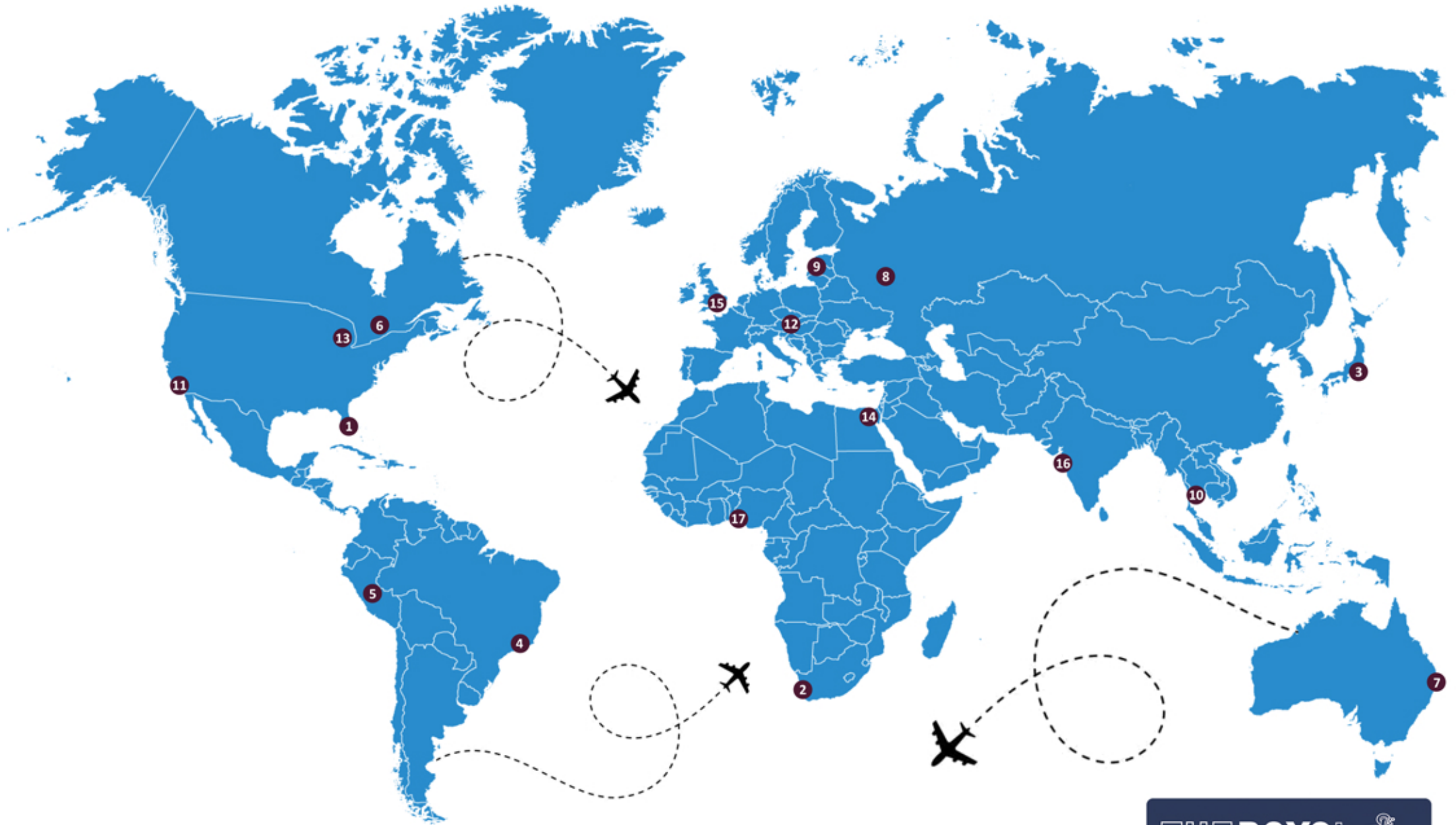
LCY - London City Airport, United Kingdom

LAX - Los Angeles International Airport, USA

ROB - Monrovia Roberts International Airport, Liberia



# LUGGAGE TAGS - WORLD MAP



# CHILDREN'S SONG BOOK

## My 10 Favourite Children's Songs

- 1) Old McDonald Had a Farm
- 2) Row, Row, Row Your Boat
- 3) The Wheels on the Bus
- 4) Baa Baa Black Sheep
- 5) London Bridge is Falling Down
- 6) Baby Shark
- 7) Twinkle Twinkle Little Star
- 8) Three Blind Mice
- 9) Incy Wincy Spider
- 10) Mary Had a Little Lamb



## MY FAVOURITE CHILDREN'S SONGS

# MUSICAL NOTES

E F G D E F E F G G A  
G F E F G D G E C

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D G G F F E E D C C G  
G A A G F F E E D D C

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A A G D G G G D E E D  
B B A A G

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E D D D E G G E D C D  
E E E E D D E D C

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E D C G F F E G F F E

# MUSICAL NOTES





# SYMBOLS GRID

1

2

3

4

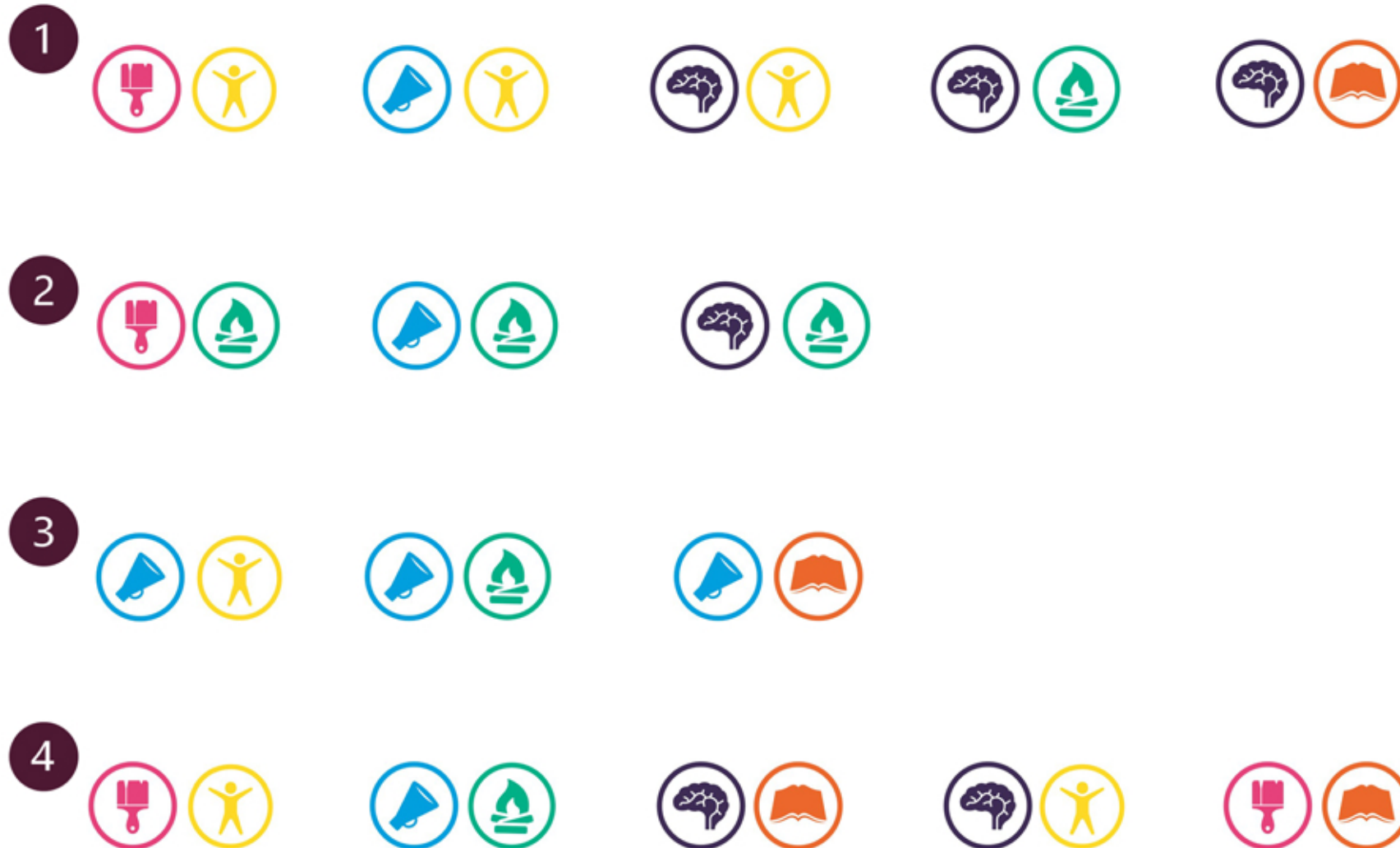
5

6

7

8


# ACTIVITY AREA SYMBOLS



# ACTIVITY AREA SYMBOLS

5



6



7



8



# MISSING NUMBER QUIZ

Below are 19 questions the answers to which is a number from 1-20. Which of the 20 numbers is missing from the answers? This is the number you need to help you escape.

Opposite to 5 on a die (dice)

---

Number of tentacles on an octopus

---

Age to marry with parents' consent

---

Number of disciples

---

A Score

---

Number of players in a rugby union team

---

Number of days in a fortnight

---

Number of Olympic Rings

---

Blackburn Rovers Premier League titles (Since 1992)

---

Age at which you can vote (UK)

---

Lives of a cat

---

Age at which you can learn to drive in the UK

---

Number of times London has hosted the Olympics

---

Years in a decade

---

D-Day June \_\_\_\_\_

---

Highest prime number in this set

---

Number of players in football team

---

Number of months having just 30 days

---

Original number of states of USA

---

**MISSING NUMBER = \_\_\_\_\_**



# MISSING NUMBER QUIZ

Below are 19 questions the answers to which is a number from 1-20. Which of the 20 numbers is missing from the answers? This is the number you need to help you escape.

Opposite to 5 on a die (dice)	2
Number of tentacles on an octopus	8
Age to marry with parents' consent	16
Number of disciples	12
A Score	20
Number of players in a rugby union team	15
Number of days in a fortnight	14
Number of Olympic Rings	5
Blackburn Rovers Premier League titles (Since 1992)	1
Age at which you can vote (UK)	18
Lives of a cat	9
Age at which you can learn to drive in the UK	17
Number of times London has hosted the Olympics	3
Years in a decade	10
D-Day June _____	6
Highest prime number in this set	19
Number of players in football team	11
Number of months having just 30 days	4
Original number of states of USA	13

**MISSING NUMBER = 7**

# PADLOCK CODE



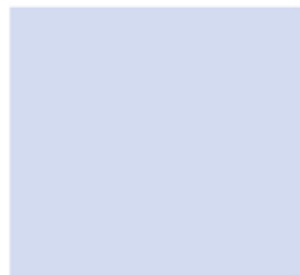
## 4 DIGIT PASSCODE TO ESCAPE



The Lost Luggage



Children's Songs



Symbols Grid



Missing Number Quiz