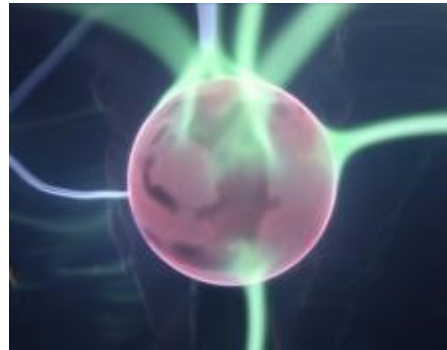


# CAMERA OBSCURA & WORLD of ILLUSIONS



## WORKBOOK

NAME: \_\_\_\_\_

Before you begin, remember to count how many stairs you climb from Reception to the Rooftop Terrace. How many are there?

## LEVEL 3: EYE-SPY EDINBURGH

The **View-Cams** can see all over Edinburgh when you move them around and zoom in. Use them to spot these sights and tick them off:



School of Divinity

☐

Edinburgh Castle

☐

The Hub

☐

The **Thermal Camera** can show you whether things are hot or cold.  
Hot things will look very red, and cold things will look very blue.



COLD

HOT



What colour are your hands?

---

What colour is your face?

---

So, which one is hotter?

---

Which parts of you are blue?

---

Are the blue parts hot or cold?

---

# LEVEL 5: THE MAGIC GALLERY



Can you find the dancing man? What is the name of his exhibit?

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Have a go at our Stroop Challenge where you read out the colour, not the word. Circle which word you got to before you made a mistake.



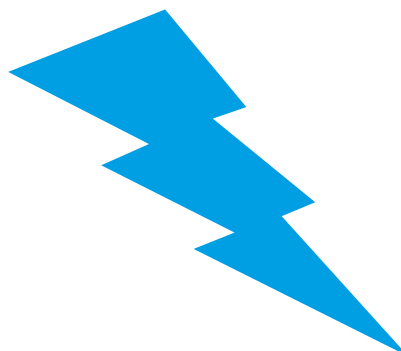
What happens when you touch the plasma tubes?

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Careful! If you touch someone while touching the plasma exhibits, you might both get an electric shock!

What do you look like in the True Mirror exhibit?

Try drawing a mirror image of the lightning bolt.



# LEVEL 6: THE ROOFTOP TERRACE

Can you find the answers to these questions on the Rooftop Terrace? Don't forget, you can ask your guide for help—you might even hear some of the answers in the Camera Obscura show! Remember to fill in how many stairs you climbed on the first page!

How many telescopes are there on the rooftop terrace?



When was the current Camera Obscura built?



Find this quote and fill in the missing words:

*"In no city in the  
\_\_\_\_\_ do so  
many \_\_\_\_\_ live  
in so little room as in  
\_\_\_\_\_"*

- Daniel Defoe

What did people shout as they emptied their chamber pots (toilets) into the street?

What can you do for free in St. Margaret's Chapel if your name is Margaret?



# LEVEL 6: THE ROOFTOP TERRACE

Can you spot these monuments from the rooftop? What are their names?



The \_\_\_\_\_ Monument



\_\_\_\_\_ Hill



The \_\_\_\_\_ Hotel



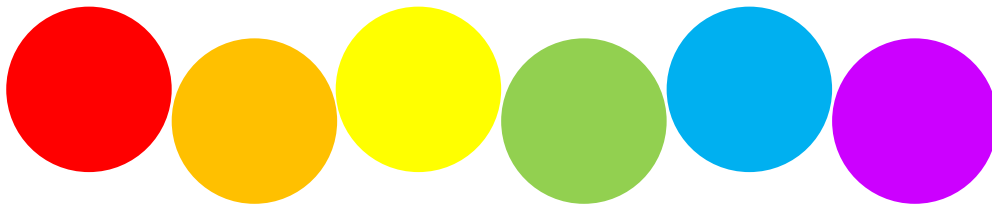
St. \_\_\_\_\_ Cathedral

# LEVEL 4: THE LIGHT FANTASTIC



With a friend, stand in a corner of the Ames Room. What happens when you move to the other corner?

Can you make all of these colours on the Colour Shadow Wall?  
Tick them off when you've done it.



What breed of dog is facing the Queen in the shadows of our Rubin's Vase?



Have a go on our Balance Board. How long did you last?

Finish this quote:

"\_\_\_\_\_ is an illusion,  
\_\_\_\_\_ doubly so"

- Douglas Adams

# LEVEL 2: BEWILDERWORLD

Try walking through our **Vortex Tunnel**. Does it make you feel dizzy? It works by confusing our senses. Humans have lots of different senses. Which of yours were confused by the tunnel?

Taste                      Smell  
Sight  
Temperature              Balance  
Pain



Try to count your reflections in the **Mirror Maze**.

How many can you see?

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Why do we ask that you wear gloves when you're in the **Mirror Maze**?

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## Thanks for visiting!

Can you play a tune on our Musical Stairs on your way out?