

Science Sleuths - A SCI-FI Science Adventure- Grades K to 4

Professor Evan and the Forbidden City!

Episode 1

Professor Evan is the greatest detective in the country. His sharp mind and fearless pursuit of adventure has led him to investigate a number of strange and unusual cases.

Three weeks ago, Professor Evan received a message detailing the existence and possible location of the fabled city of Atlantis! The professor left you in charge of the agency and left the next morning.

Since then you have received no word from the professor and his cell phone appears to be out of range. While cleaning the office, you hear an alarm go off in the professor's desk. It's a letter addressed to YOU!

IN THE EVENT OF MY DISAPPEARANCE

Hello friends,

*If you are reading this, I have gone on ahead. I am searching for the lost city of **XQIXKQFP**, I have found what may be its location, but I need to check. The only way into the city to unlock their knowledge is to build a **HBV**. The **HBV** though is broken and scattered throughout time. You must find the parts of the **HBV** and reassemble it and meet me at **XQIXKQFP**' gates. Use the **QFJB JXZEFKB** that I have hidden in the top shelf of my **ZILPBQ**. I will see you there.*

Prof. E

This message doesn't make sense! What is a **HBV**? It must be written in code!

Beside the letter is a paper with strange circles on it. Could this help solve the strange words? Follow the instructions and build the Circle Cypher disk.

What is the Professor trying to tell you?

Cypher Set-up

Step 1: Cut out the smaller circle and the larger circle

Step 2: Place the smaller circle on top of the larger circle

Step 3: Fasten the smaller circle to the larger circle by stabbing a pin or pencil through the center black dots

Step 4: Spin the circles until the outer letter **A** matches with the inner letter **A**

Step 5: Spin the inner circle **3** spaces clockwise (After, the outer circle letter **A** will match the inner letter **X**)

How to Use the Circle Cypher

The Inner circle letters are the letters from the coded word (the word that makes no sense)

The Outer circle letters are the letters that will form the REAL word (the word that does make sense)

To decode the word **EBIIL**, find the **E** in the inner circle and see that it lines up with the **H** outer circle (so now you know the first letter of the REAL word is H)

Following the same pattern with the other letters you would see that the REAL word is **HELLO**.

You have now learned how to use the circle cypher!

