"A Vision Mission"

Jean and Elijah took a shortcut home. They passed an old shed.

"Let's look inside," Elijah said.

Jean was not happy. "I have the **impression** this place has been closed for years."

Inside was a television with a cracked screen. Next to it lay a cardboard wheel with strange letters.

"It's a decoder!" Jean said. "Spies use these on secret **missions**!"

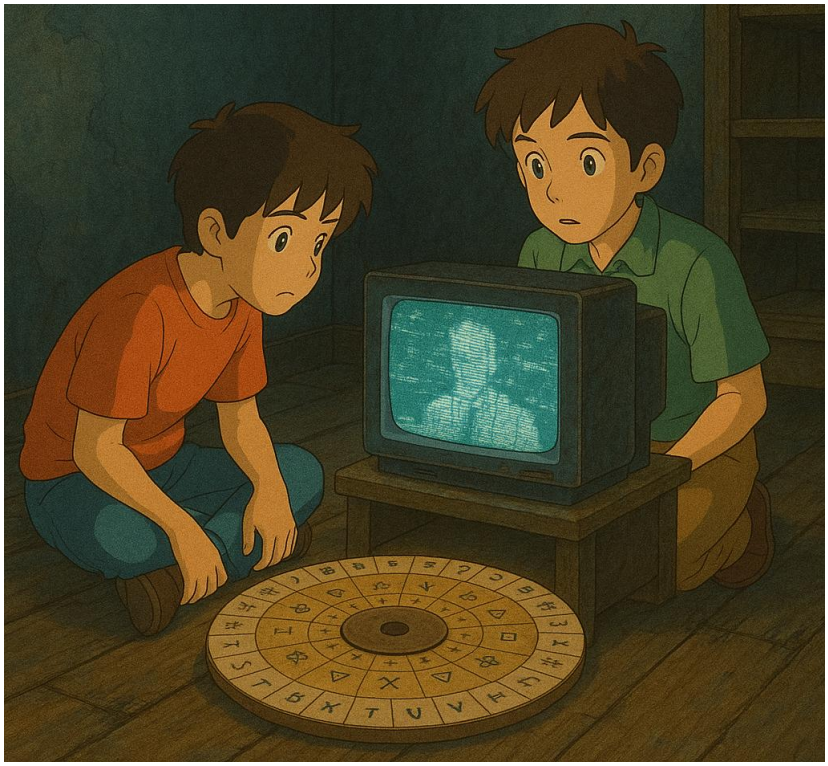
Beside the decoder was a notebook: *"A New **Vision** for the Future."* Elijah flipped its pages. There were drawings, calculations, and symbols—all carefully labeled. "This person was a real **professional**."

Jean held up a page of notes. "It's like a puzzle."

The two friends sat down and began turning the wheel, matching the symbols to the alphabet.

"I think I'm getting it," Elijah said. "But there's so much **tension** in the writing —like they were in a rush."

Suddenly, the television flickered. They saw a pixelated man in a lab coat. His voice was low but clear: "You've found my decoder," the man said.

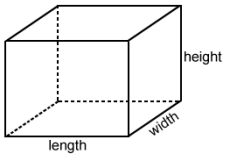
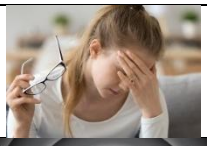
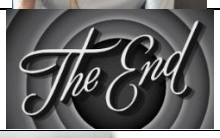
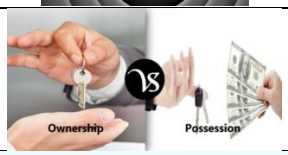
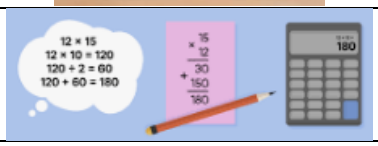


"Now, draw your own **conclusion**. I do not want my invention to be a **possession** of the powerful. It is a gift. Use it wisely." The screen went black.

Jean and Elijah looked at each other. "So... what now?" Jean asked. "We decode the rest," Elijah said. "This was only the first **version** of the message. Maybe there is great wisdom here."

Lesson 84, Target letter –sion (zh'n, sh'n) by: Meitar Kalderon

Word List

1		**impression**	
2		**mission**	
3		**vision**	
4		**professional**	
5		**television**	
6		**dimensions**	
7		**tension**	
8		**conclusion**	
9		**possession**	
10		**version**	
11		**solution**	
12		**calculation**	

Caesar Shift Cipher

How to assemble your decoder:

Step 1: Print the two wheels on the next page, preferably on cardstock. Cut them out.

Step 2: Place the larger wheel on the bottom and the smaller wheel on top.

Step 3: Poke a round paper fastener (aka, brad) through the middle of both wheels. Ensure the wheels can rotate freely.

How to use your decoder to encrypt a message:

Step 1: Write your message in normal text.

Step 2: Select a rotation (ROT) between 1 and 25 to encrypt your message.

Step 3: Turn the small wheel so the ROT number you've selected matches up with the red A on the large wheel. Once you've positioned the wheels for this step, be sure they do not move again. You may wish to use a paperclip to keep them in position.

Step 4: For every letter in the message you wish to encrypt, first find it on the larger wheel. Then locate the corresponding letter right below on the smaller wheel and write it down as part of your encrypted message. For example, to encode the word HELLO with ROT2, you would write JGNNQ. To encode the word HELLO with ROT12, you would write TQXXA.

How to use your decoder to decrypt a message:

Step 1: The decryption process is the reverse of the encryption process. However, to properly decrypt the message you need to know what ROT was used.

Step 2: Turn the small wheel so the ROT number of the code matches up with the red A on the large wheel. Once you've positioned the wheels for this step, be sure they do not move again. You may wish to use a paperclip to keep them in position.

Step 3: For every letter in the encrypted message, first find it on the smaller wheel. Then locate the corresponding letter right above on the larger wheel and write it down. For example, the word JGNN! encrypted with ROT2 would be decrypted to say HELLO. The word TQXXA encrypted with ROT12 would also be decrypted to say HELLO.

Sentences for decoding:

"The decoder reveals a hidden version of the truth, but only those with vision will understand its mission."

Shift +4:
"Xli higshi vievpew e lhhir zivwmsr sj xli xvyxl, fzx srpc xlswi amxl zivmsr ampp yrhivwxerh mxw qmwwmsr."

Shift +12:
"Fbt psohdq dovpmewe m ttbtz hloeqcb bz fbt jljfd, rlm adbt fbtda mbiw hloeqcb meid jzhpbftfd vfi ayfftcf."

"What you see is not the whole dimension. Look deeper, draw your own conclusion."

Shift +4:
"Alex csy wii mw rsx xli aspsh hmqirwsr. Pssp hii tiv, hvea csy sar gsrgpywsr."

Shift +8:
"Elib gwc aam qa vwb bpm dwtxl lqumvwwb. Twwt lmm xmd, lzhe gwc wex kwtkxcwzb."

Shift +12:
"Ipmd kyg eeq ue zaf fqt haxbp puyqzaae. Xaax ppq bqh, pdit kyg bai oapobgade."

"Every version of the message contains a layer of passion, expression, and meaning."

Shift +4:
"Izcvs zivwmsr sj xli qiwweki gsrrexmrw e peciv sj tewwmsr, ibtvwwsmsr, erh qiermrk."

https://inventwithpython.com/cipherwheel/

Caesar Shift Cipher