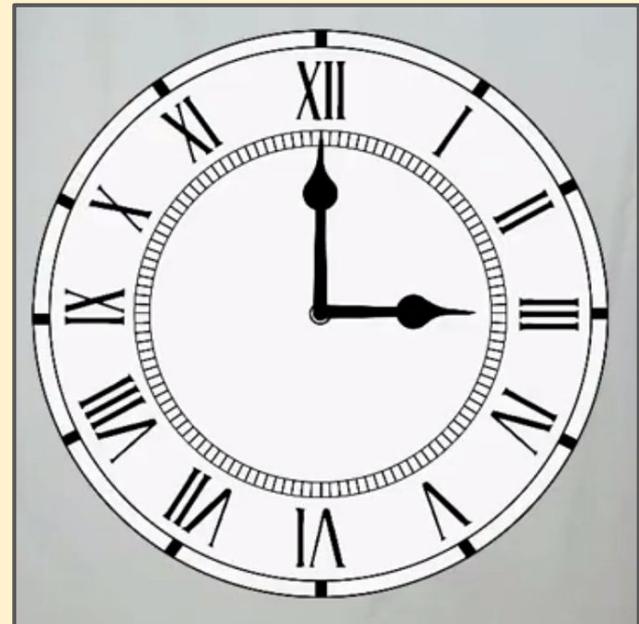


Clockface cipher

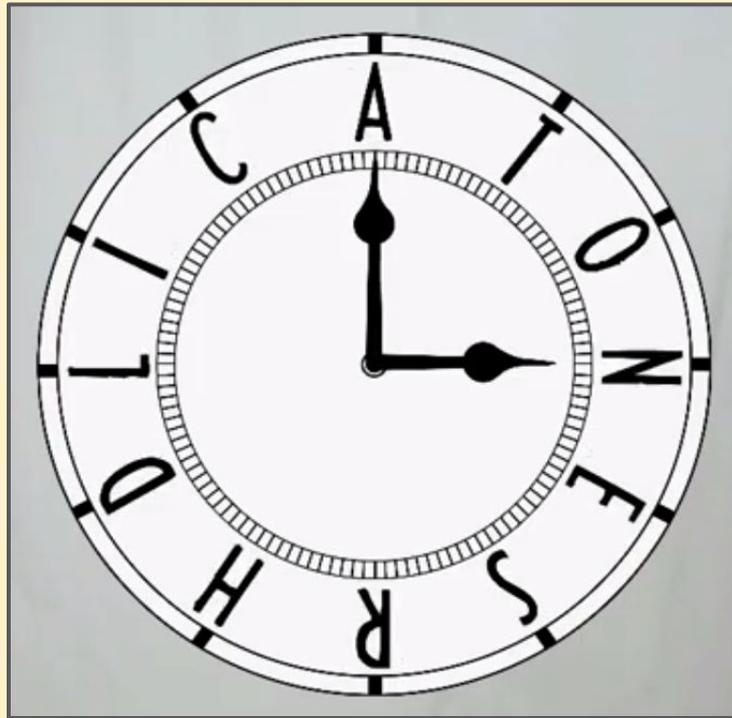
The clockface cipher is an example of a code that can hide in plain sight.

It uses the face of an old fashioned analogue clock.



Clockface cipher

Each number can represent a letter.

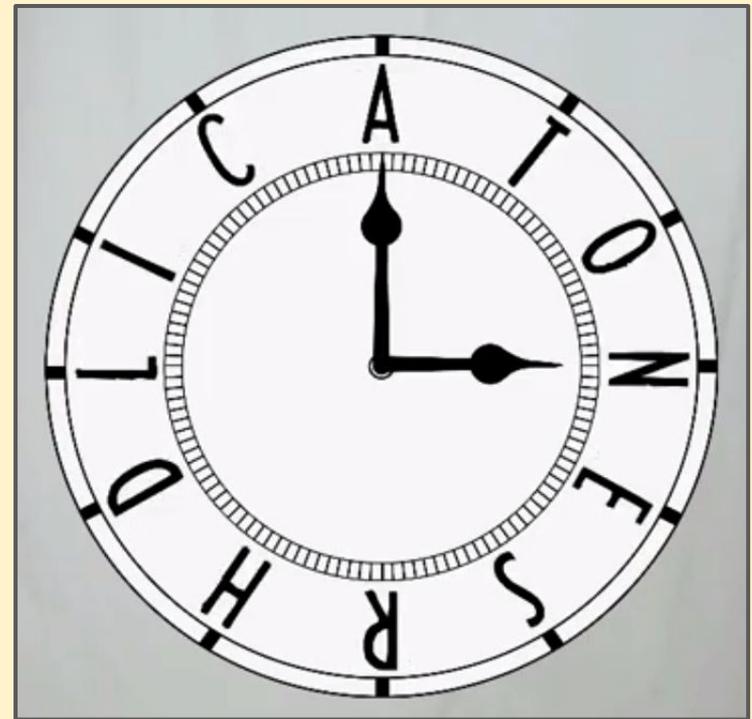


The two people using the cipher need to be using the same letters!

Clockface cipher

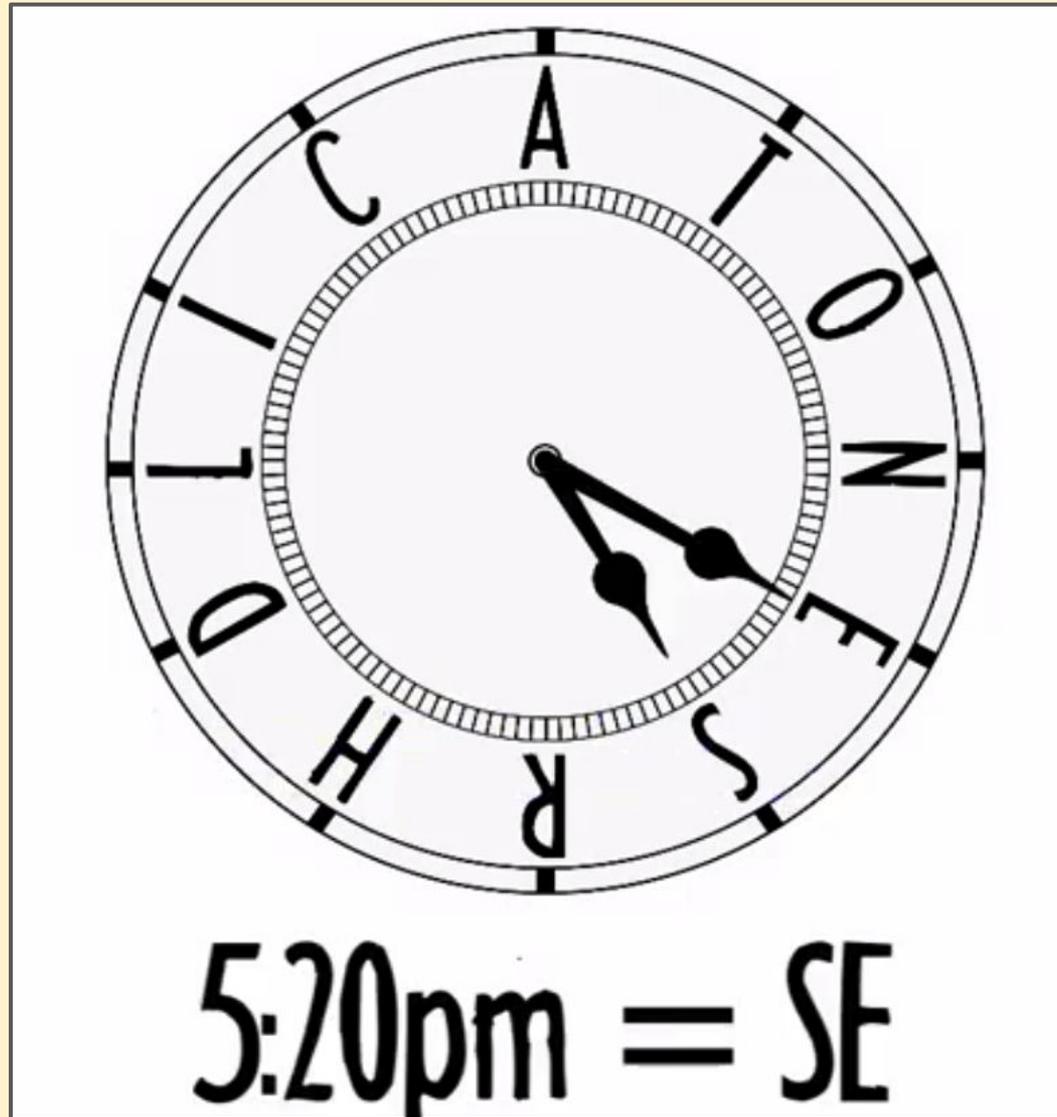
Then a series of times can be used to spell out a message:

- 5:20
- 11:10
- 3:40

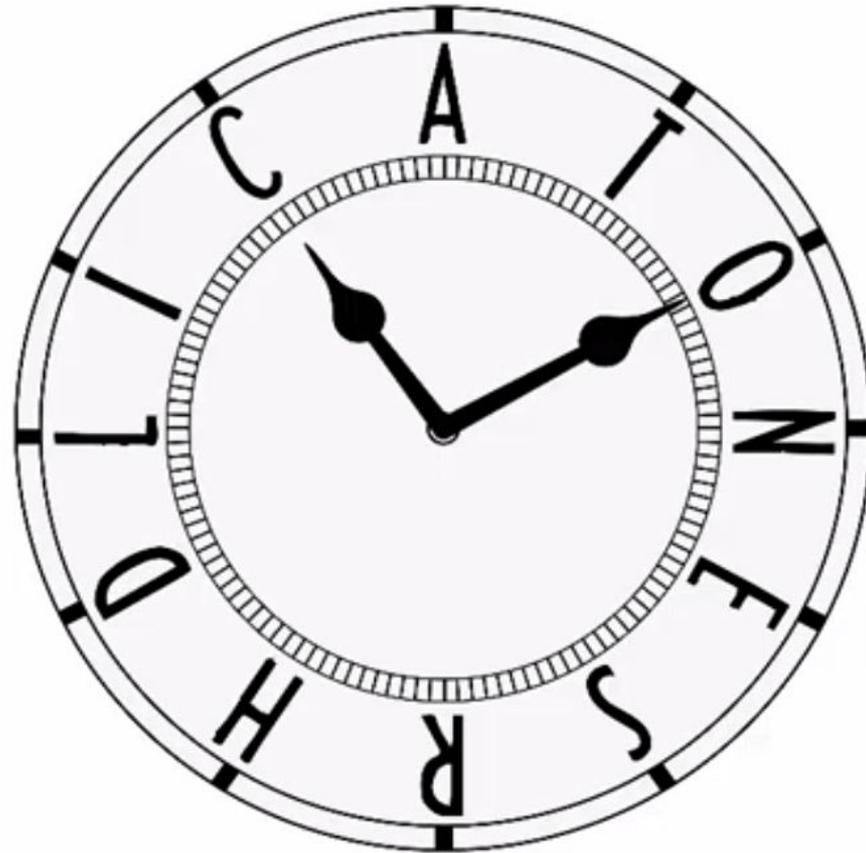


Always read the hour hand first

Clockface cipher

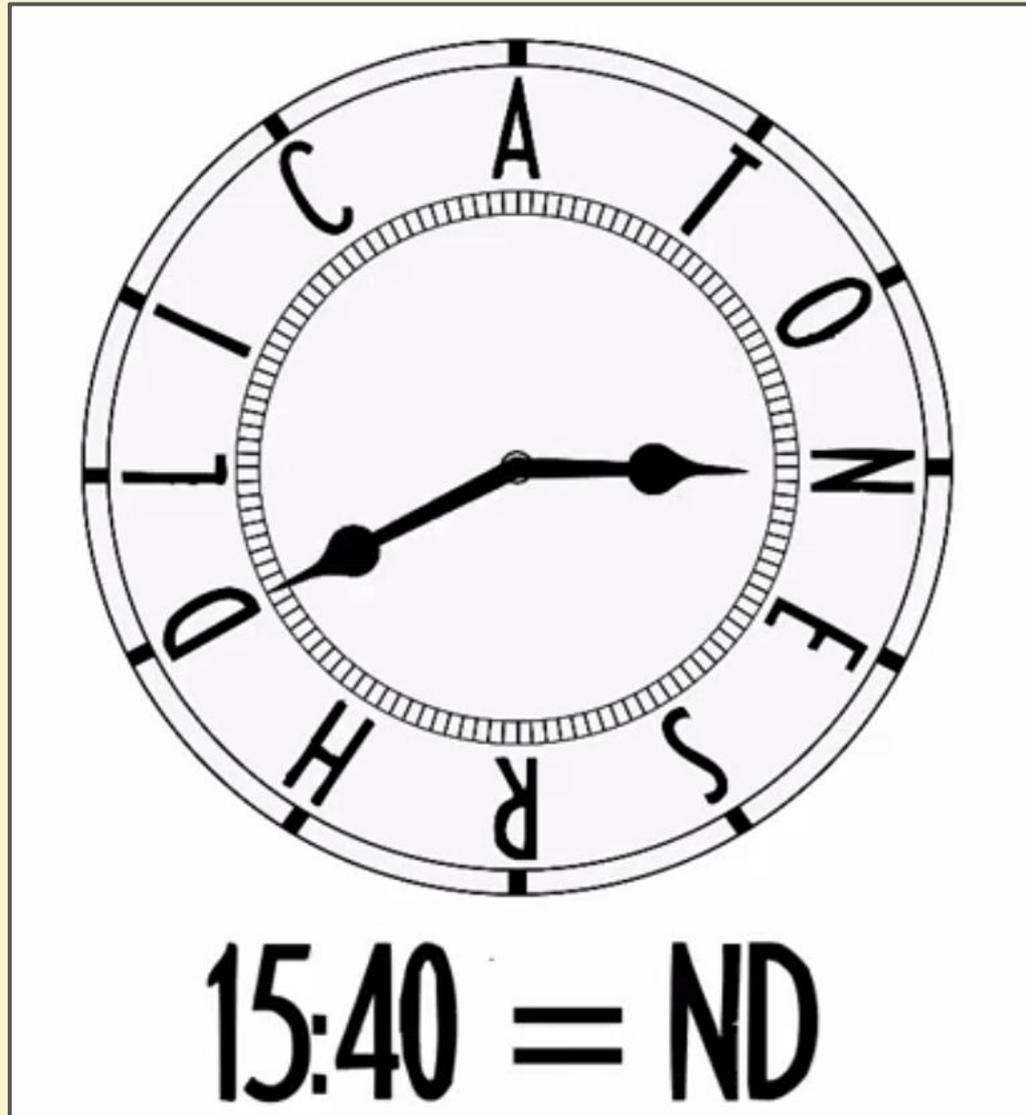


Clockface cipher



Ten minutes past eleven = CO

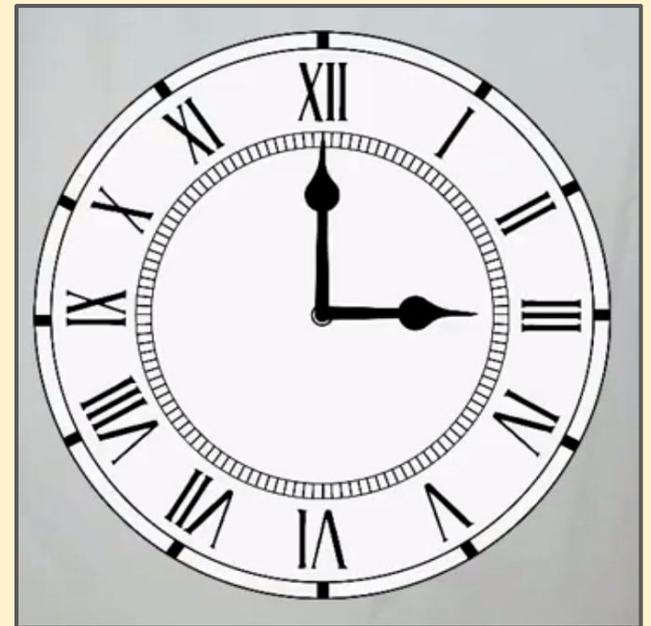
Clockface cipher



Clockface cipher

12 letters is often enough to get a message across.

But is there a way to get more letters?



Hint: think how many hours there are in a day...

Clockface cipher

Tasks:

1. Create a working clockface cipher and encode a message using it
2. Even if you can get 24 letters, that still leaves two you can't use. How could you get round this? Is it a problem?