

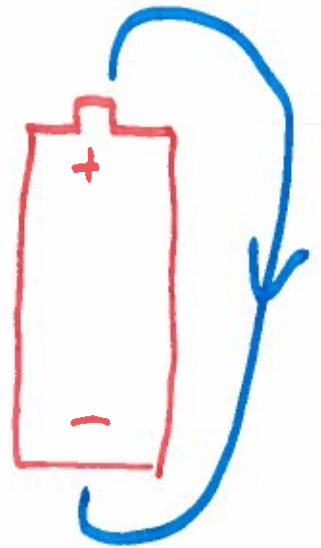
# Current

Current is moving charge.

From +  $\rightarrow$  -.

Conductors - charge can flow

Insulators - charge can NOT flow



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But...

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Electrons are LOUD! (electrons are what charge is)

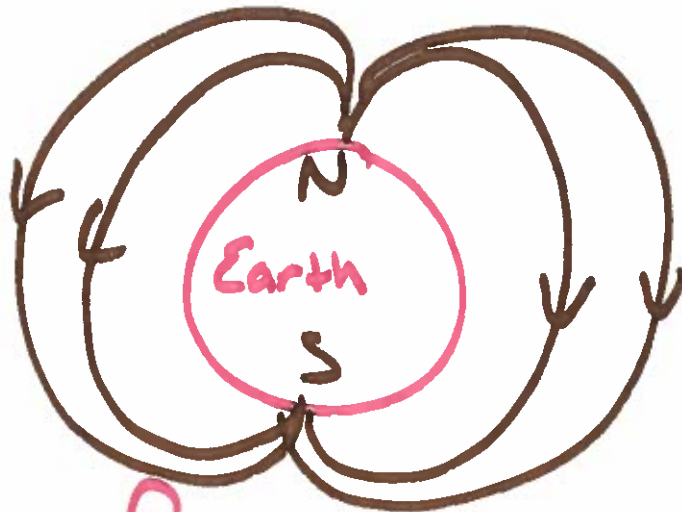
They tell everyone what they are doing.

The 'shout' is a magnetic field.

## Magnetism Part II

Magnetism is a Field.

Lines connect from North to South.



Results from Moving Charge  
or  
Current.

# The analogy → An Argument

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In a shouting match, ~~each~~ <sup>everyone</sup> thinks they are right

My Side

I think I'm right, that is an 'electric field'

I think you're wrong, that is a 'magnetic field'

Your side

You think you're right, that is an 'electric field'

You think I'm wrong, that is an '~~elec~~ magnetic field'.