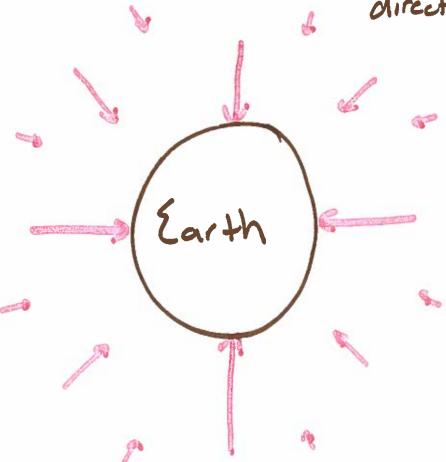
A Field is an <u>invisible</u> force.

that works at a <u>distance</u>.

Example - Gravity you can't see it but it is always pulling you down.

How to show - Arrows

Singe as How strong



Charge	
Charge is a single piece of electr	icity
There are two types of charge	.:
Rules of Charge	
1) Things are naturally <u>Neutral</u> (<u>Neutral</u> means things have equal	\
(<u>neutral</u> means things have equal	(O+D
7 0	+)
Repel	otton dan evenesia
)
3) Oppisate charges	
Attract +>)

	Sticky Tape.	٤
Part Al		
	Because both were me Same way. They have Charge and repel.	
Part B i) Paper +	Paper and Foil + F.	
N	othing	Nothing
Both	are neutral so no force	

Paper T Paper + B Foil + T Foil + B > They are attracted because of an induced Churge. Like See the balloon Zungi PHET Simulation Oppisates Repel Attract.

Magnetism was an activity when You developed a model for magnets.

May nets have two 'poles'.

North & south.

Sust like charges, like repel,

oppisiates attract.

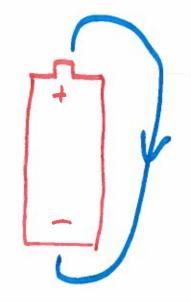
The field lines go from N &s

	C	urrent
Current	is	Movina

From + > ____.

Conductors - charge can flow

Insulators charge can Not flow



But ...

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 1s a Field Lines connect from North to South from Mouing

Current

The analogy -> An argument 3 = Me In a shouting matter, each thinks they ear right Your Side My Side I think I'm You think you're right, right, that is that is an 'electric field' an 'electric field' I think you're way You think I'm wrong, that is an 'etel mayute field' . I mayutic field'

Current, Ma	gretism, + Forces on my
A wire, with a c	urrent, in a magnetic e. The tricky bit
Explain ation	Right hand rule
The Current Menutic Field orn the Corner of a cube.	Pointer finger * Magnetic field is Your middle finger * Force is your thumb

