



CARBONISED GRID - HERE A GRID MEANS AN AREA'S COLLECTION OF ELECTRICITY GENERATION LINKED TO WHERE THE ELECTRICITY IS USED. CARBONISED MEANS THAT ELECTRICITY IS BEING GENERATED USING FOSSIL FUELS LIKE COAL, GAS OR OIL.

COBALT - AN ELEMENT WITH THE ATOMIC NUMBER 27. IT IS WHAT MAKES THE BLUE COLOUR IN CHINESE PORCELAIN AND IS IN VITAMIN B12. IN LI-ION BATTERIES IT'S IN THE FORM OF LITHIUM COBALT OXIDE WHICH LETS BATTERIES BE SMALLER AND MORE POWERFUL.

ELECTRODE - THE POINT WHERE ELECTRONS MOVE FROM THE NON-METAL BIT OF THE BATTERY INTO THE CIRCUIT.

CHARGED ELEMENTS (LIKE LI+) MOVE FROM ONE ELECTRODE TO ANOTHER.

FUEL CELL - A DEVICE THAT CONVERTS CHEMICAL ENERGY INTO ELECTRICITY VERY EFFICIENTLY, BURNING SOMETHING TO MAKE ELECTRICITY ISN'T VERY EFFICIENT!

LITHIUM-ION BATTERIES - A BATTERY IS A WAY OF STORING ELECTRICAL ENERGY. LITHIUM-ION BATTERIES ARE LIGHTWEIGHT AND STORE LOTS OF ENERGY!

RENEWABLE ENERGY - THIS IS ANY FORM OF ELECTRICITY

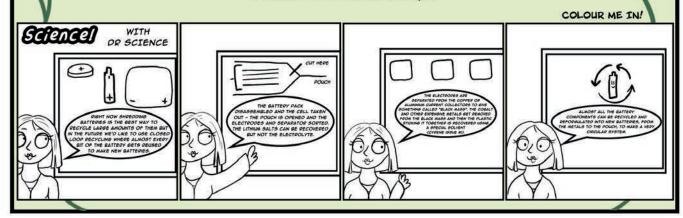
GENERATION WHERE THE POWER SOURCE DOESN'T GET USED

UP, SUCH AS: WIND, SOLAR, GEOTHERMAL POWER TO NAME A

FEW, OR WHERE THE POWERSOURCE CAN BE RENEWED IN OUR

LIFETIME (BURNING WOOD).

GRAPHITE - AN ALLOTROPE (A PHYSICAL FORM) OF PURE
CARBON THAT IS CONDUCTIVE, IT'S ALSO THE MIDDLE PART OF A
PENCIL THAT MAKE MARKS











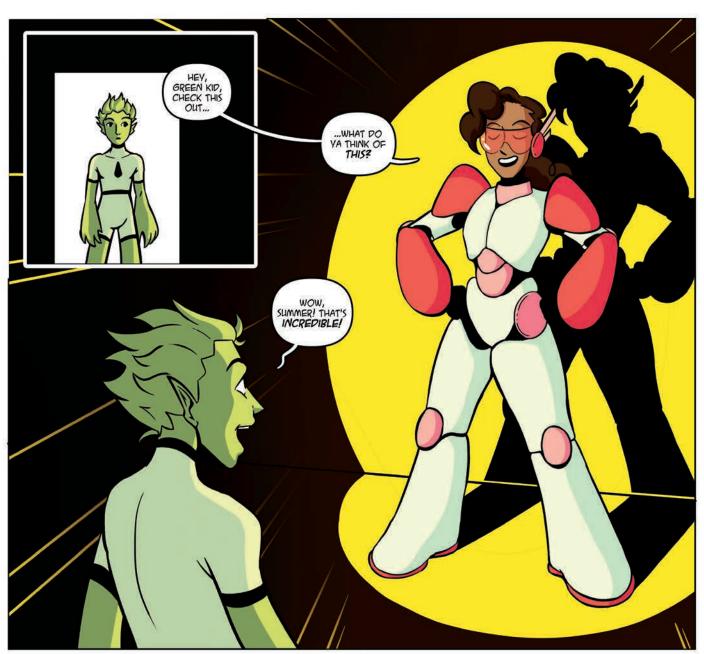












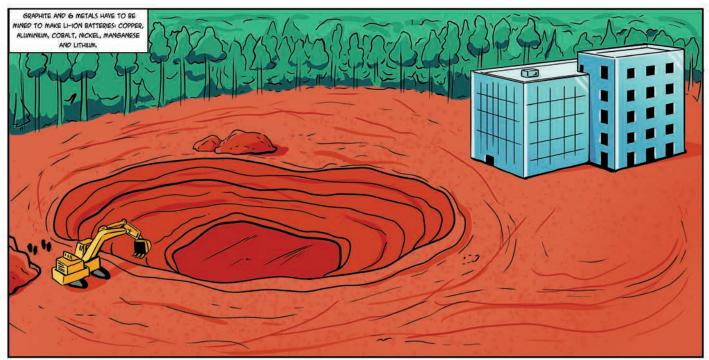




















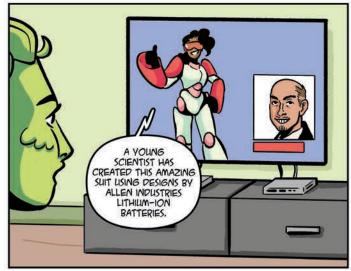






















































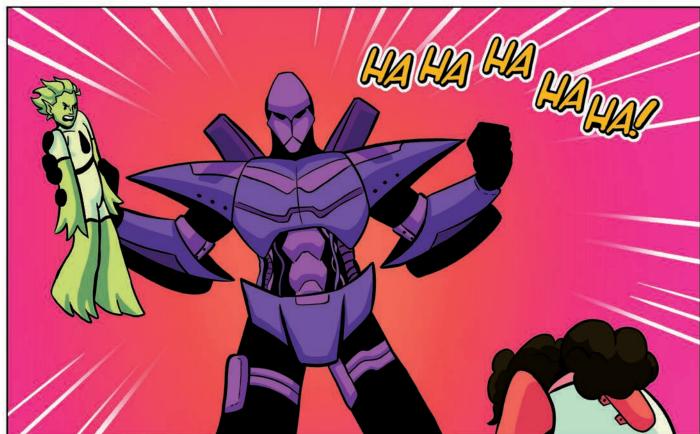










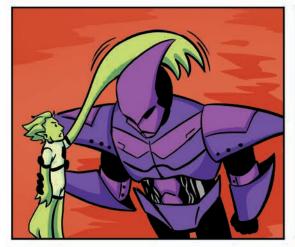






















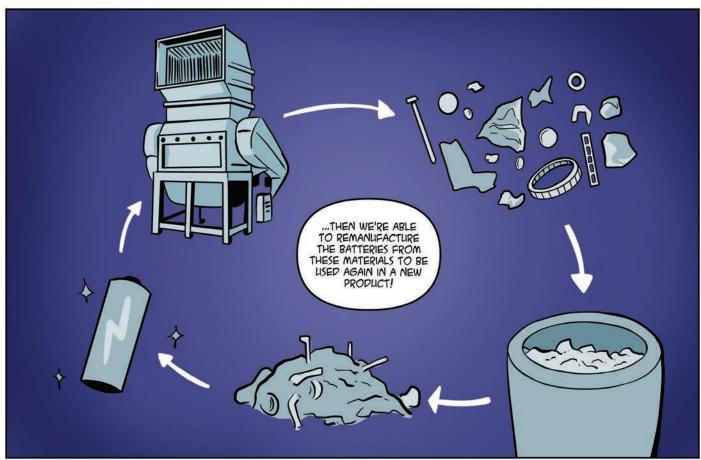


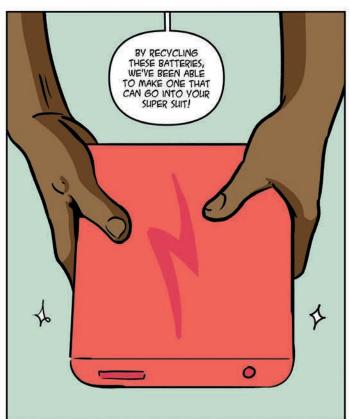






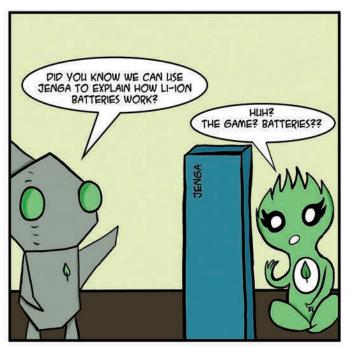


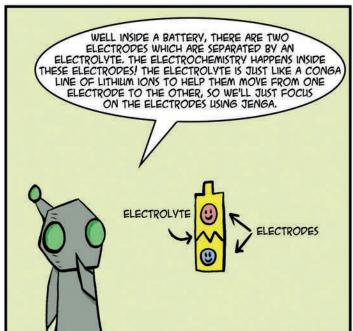


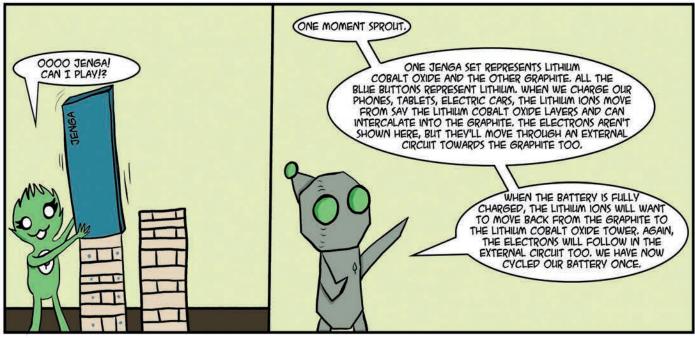


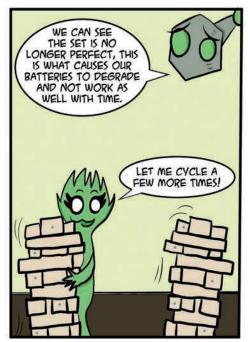
















FUN AND GAMES

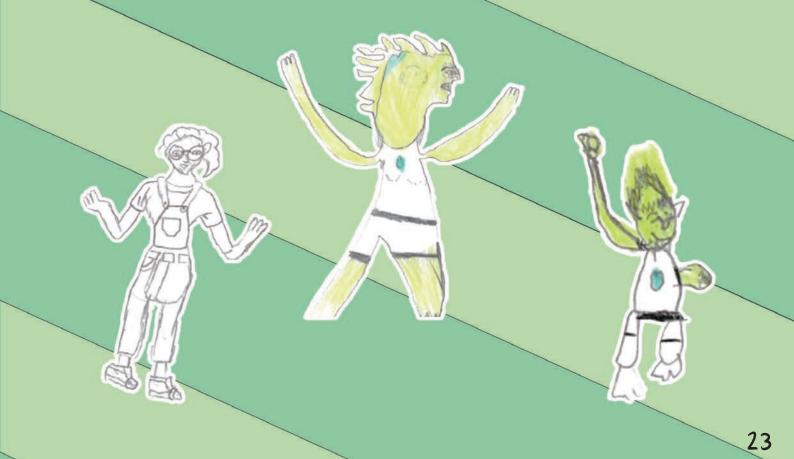
CAN YOU SEE YOUR FANART? CHECK IT OUT!

WORD SEARCH

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CARBONISED GRID
COBALT
ELECTRODE
ELECTROLYTE
FUEL CELL
LITHIUM-ION
BATTERIES
SUMMER
GREENKID
RENEWABLE ENERGY

FAN ART!



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AND RECYCLING CONSULTANT

OR ROB SOMMERVILLE: SCIENCE CONSULTANT



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