

OREEP
PRESENTS



Ree & GEE

#03 HYDRO
POWER

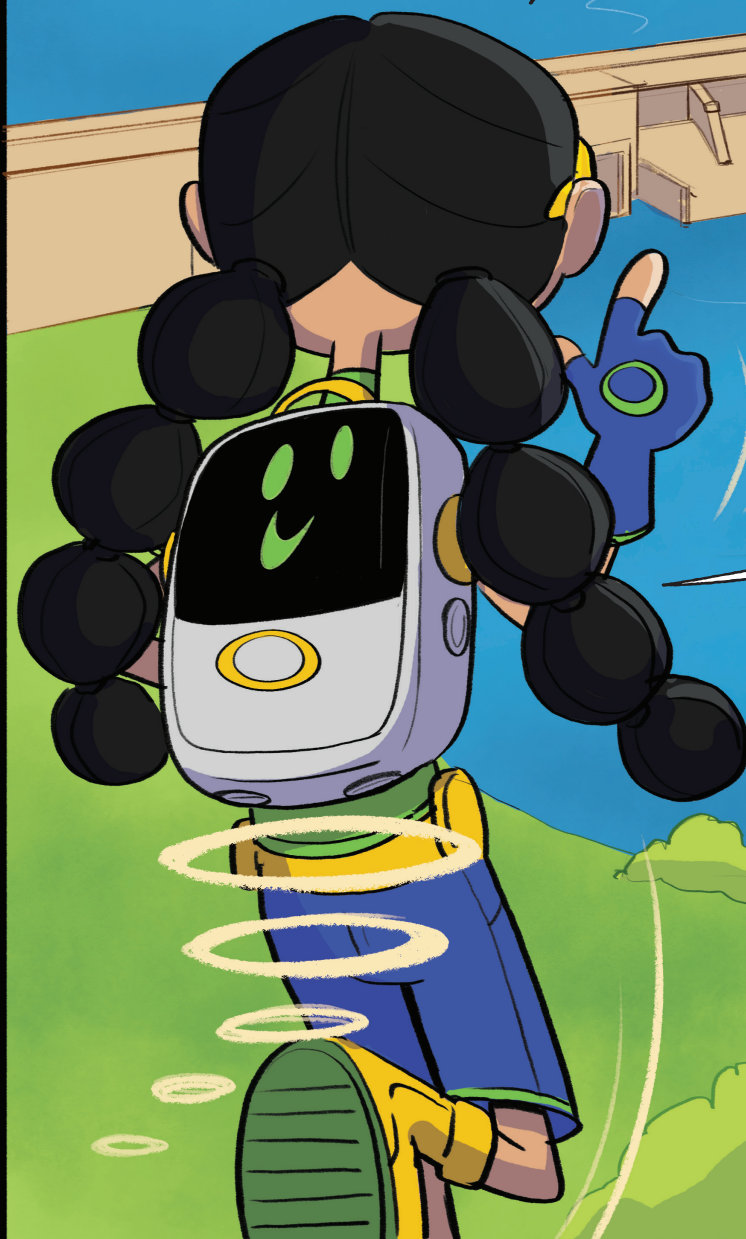
OK

THE ADVENTURES OF REE NEWABLE & GEE

(GREEN ENERGY EXPLORER)

THIS LAKE
IS SO BIG AND
BEAUTIFUL! GEE,
I WONDER WHAT
THAT STRUCTURE IS
THAT'S HOLDING
THE WATER
BACK.

THAT'S A **DAM**, REE!
IT BLOCKS FLOWING
RIVER WATER TO CREATE
A LAKE, AND IT CAN BE
USED TO PRODUCE
**HYDROELECTRIC
POWER!**

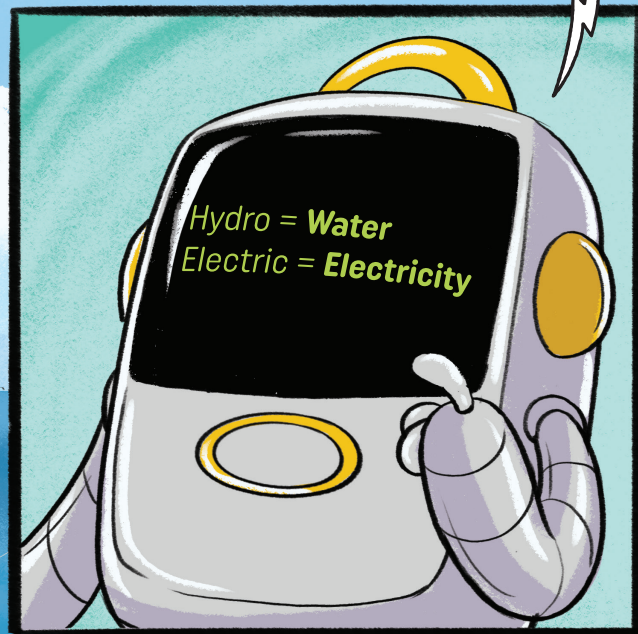


HYDROELECTRIC
POWER? WHAT'S
THAT?



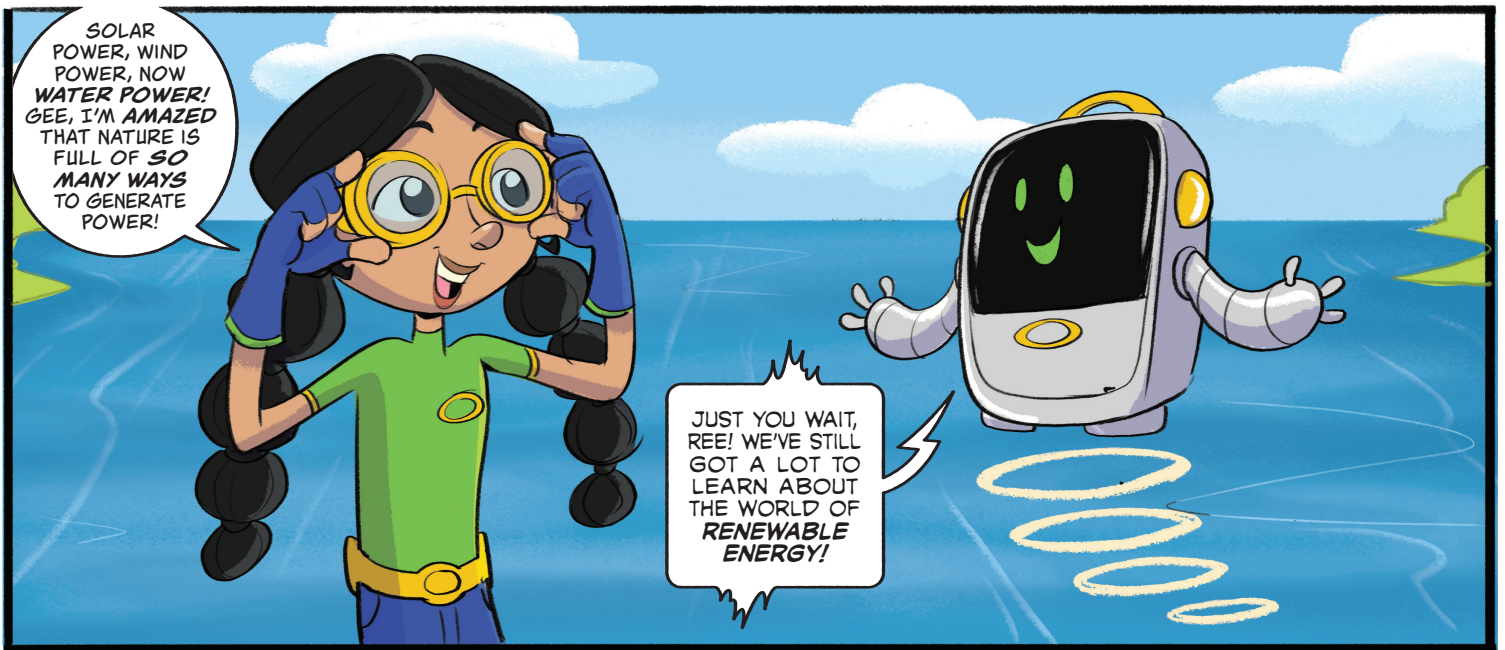
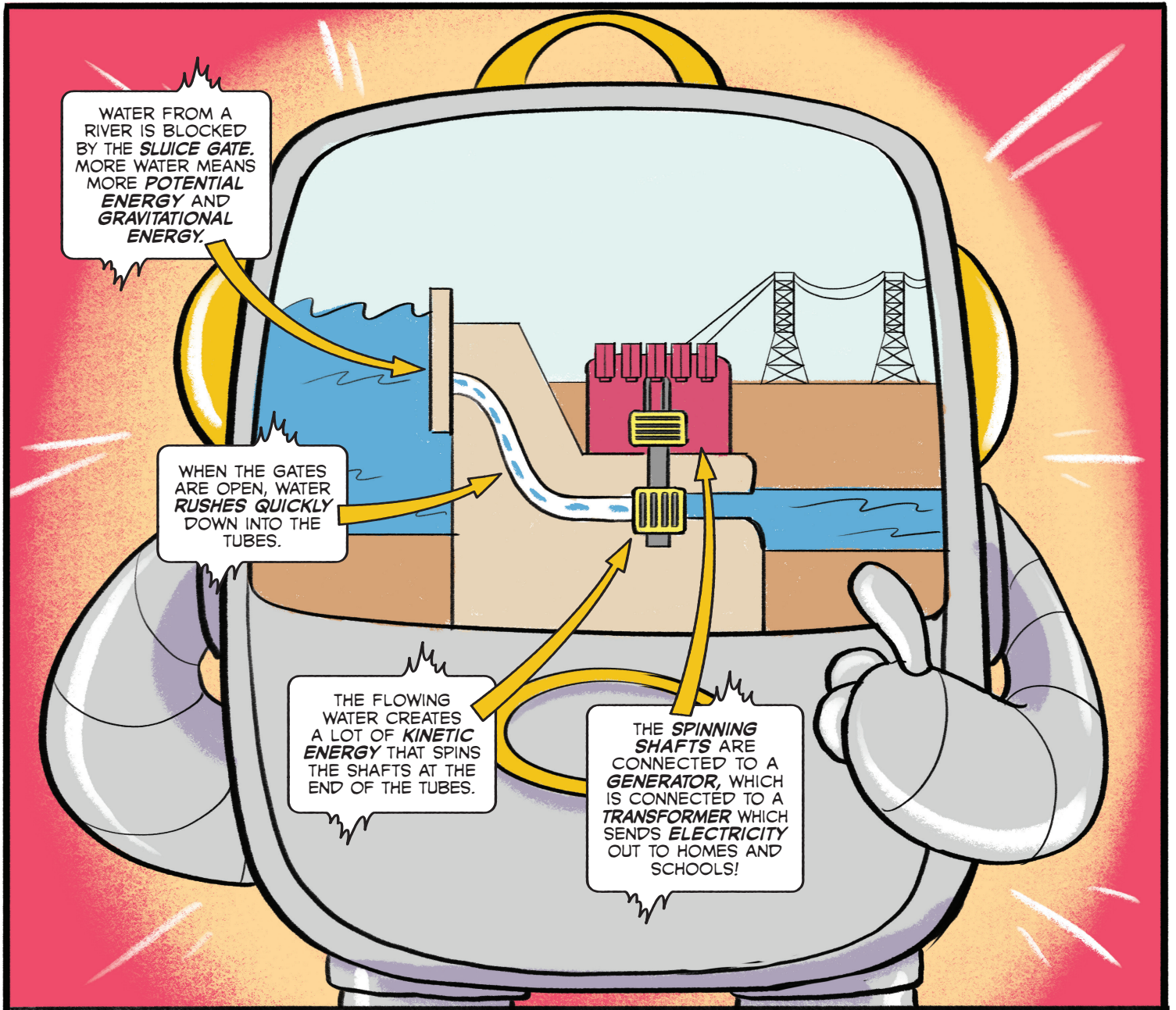
"HYDRO" MEANS
WATER AND "ELECTRIC"
IS **ELECTRICITY**, SO
"HYDROELECTRIC
POWER" MEANS **USING
WATER TO CREATE
ELECTRICITY!**

**KINETIC ENERGY IS THE
ENERGY OF MOTION.**
A HYDROELECTRIC DAM
USES KINETIC ENERGY IN
FAST FLOWING WATER TO
GENERATE **POWER.**



GEE,
I'M REALLY
CURIOUS
HOW THAT
WORKS!



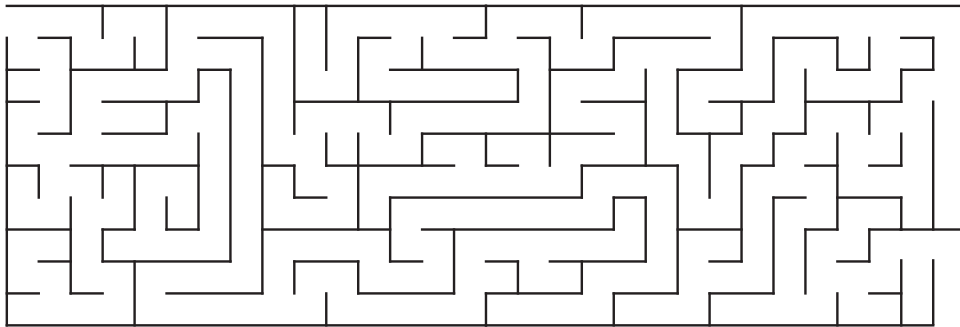


REE & GEE'S PUZZLE PAGE

RENEWABLE WORD SEARCH

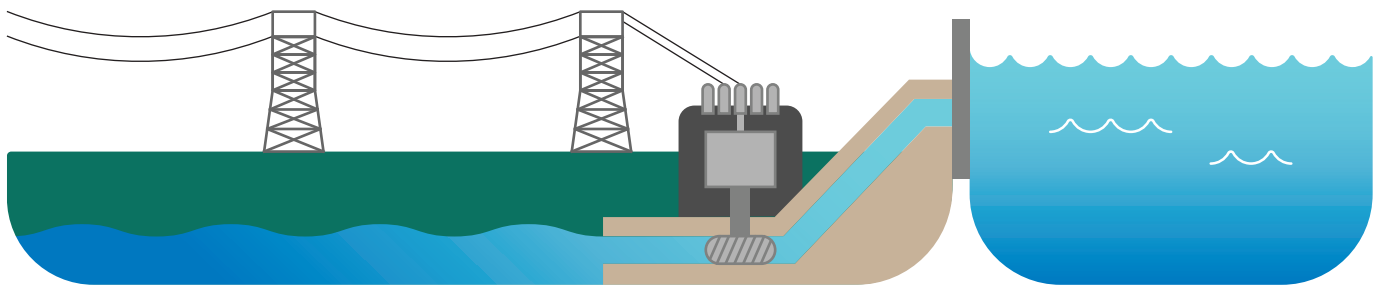
- Dam
- Electricity
- Generator
- Hydroelectric
- Kinetic Energy
- Multimeter
- Potential
- Energy
- Turbines
- Voltage

M U L T I M E T E R O Q O V O
 D T B A A T U R B I N E S O J
 K I N E T I C E N E R G Y L K
 N F X O Y R X A O X X D G T D
 C I R T C E L E O R D Y H A R
 P O T E N T I A L E N E R G Y
 Q M D J O P A U D H S R D E T
 H A C L G X J R A M F R N M T
 M O R O T A R E N E G S A H P
 M A Q Z R U I A D U R M W P I
 I W G W L R S Z Z S Q F N N J
 B A D Y T I C I R T C E L E H



HYDROPOWER WATER MAZE

Help the rainwater through the maze to the reservoir, so it can be filled and used to generate power.



CONNECT-THE-DOTS

Modern engineers design dams so they won't affect the local habitat. Connect the dots to discover an example of an animal engineers aim to keep undisturbed.

