

OREEP  
PRESENTS



Ree & GEE

#03 HYDRO  
POWER

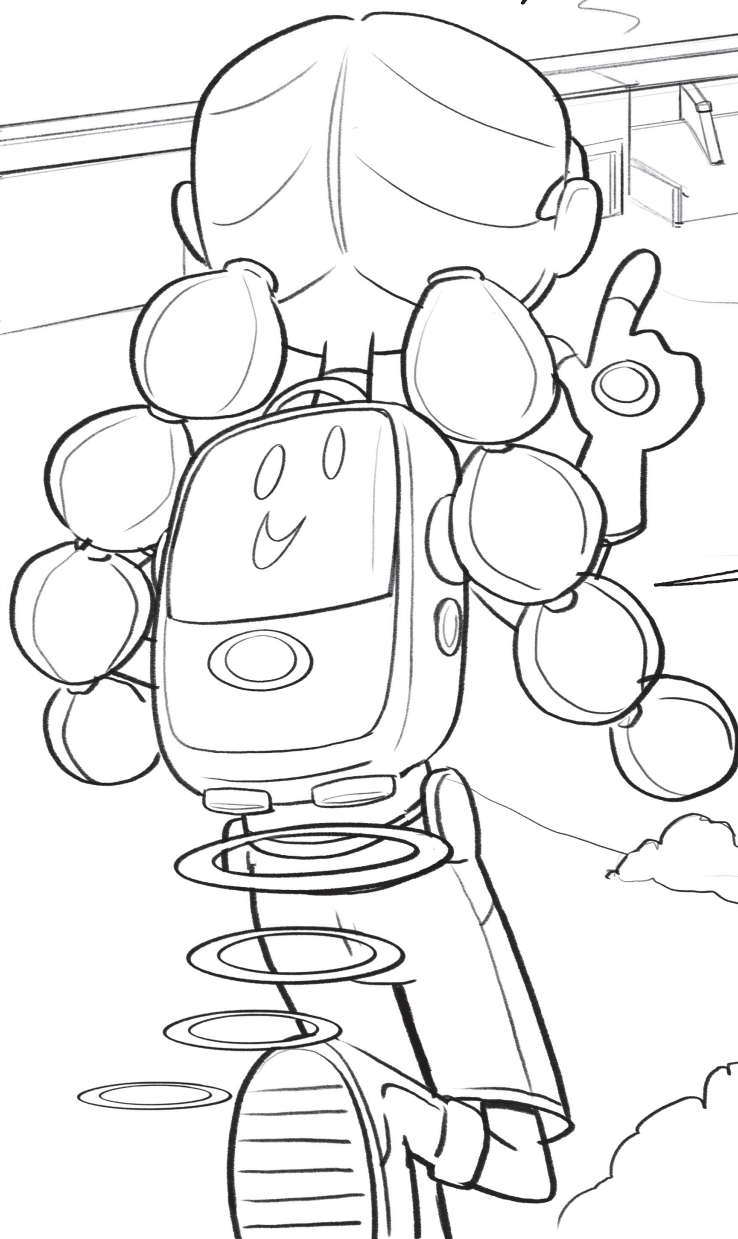
OK

# THE ADVENTURES OF REE NEWABLE & GEE

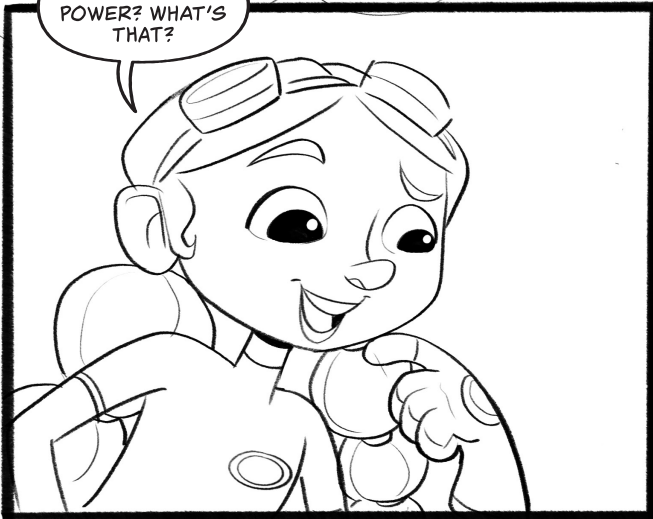
(GREEN ENERGY EXPLORER)

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!**

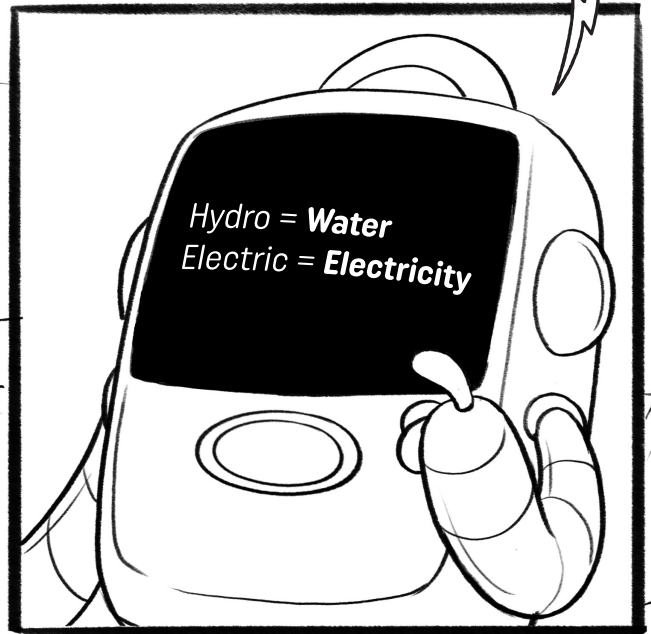


HYDROELECTRIC  
POWER? WHAT'S  
THAT?

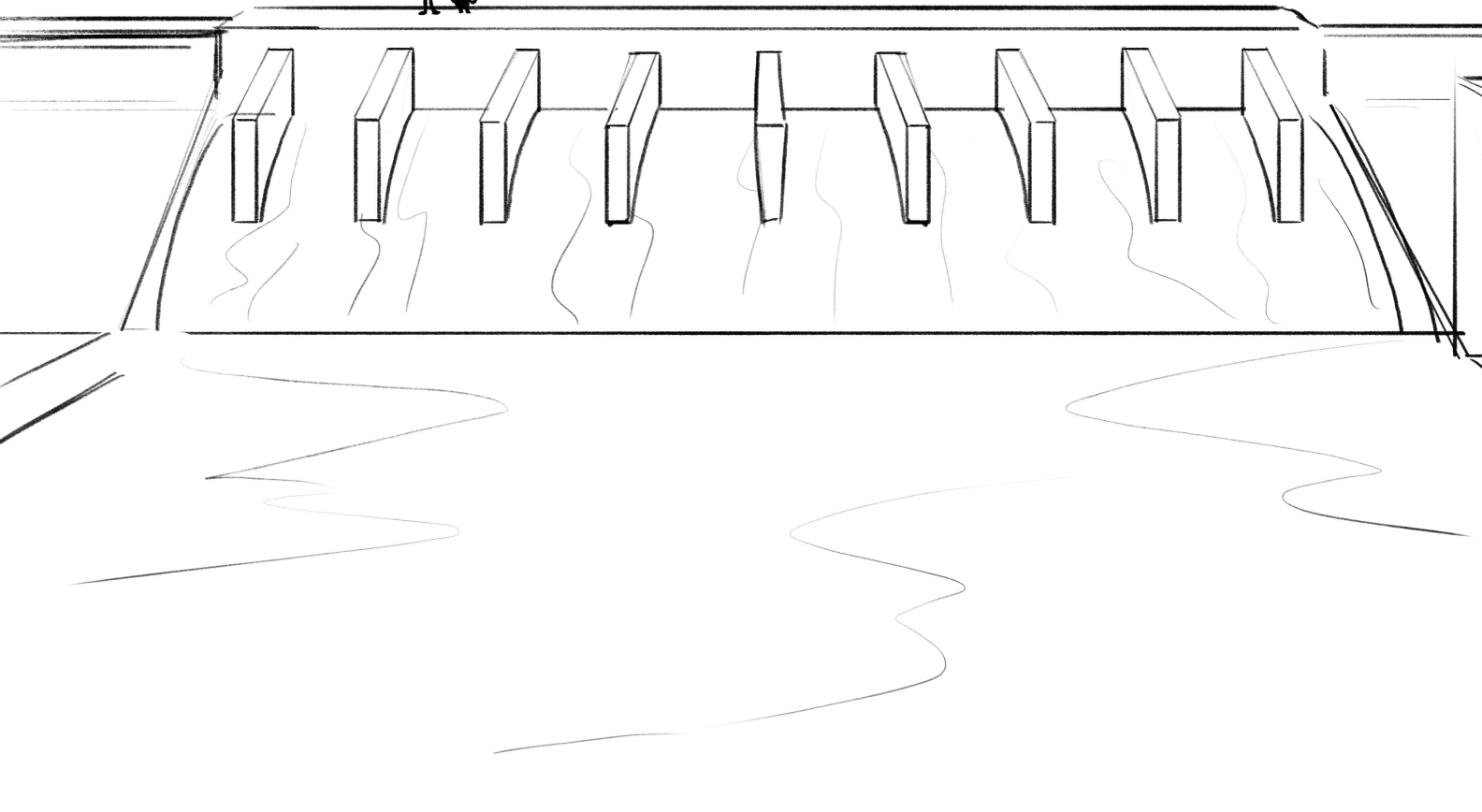


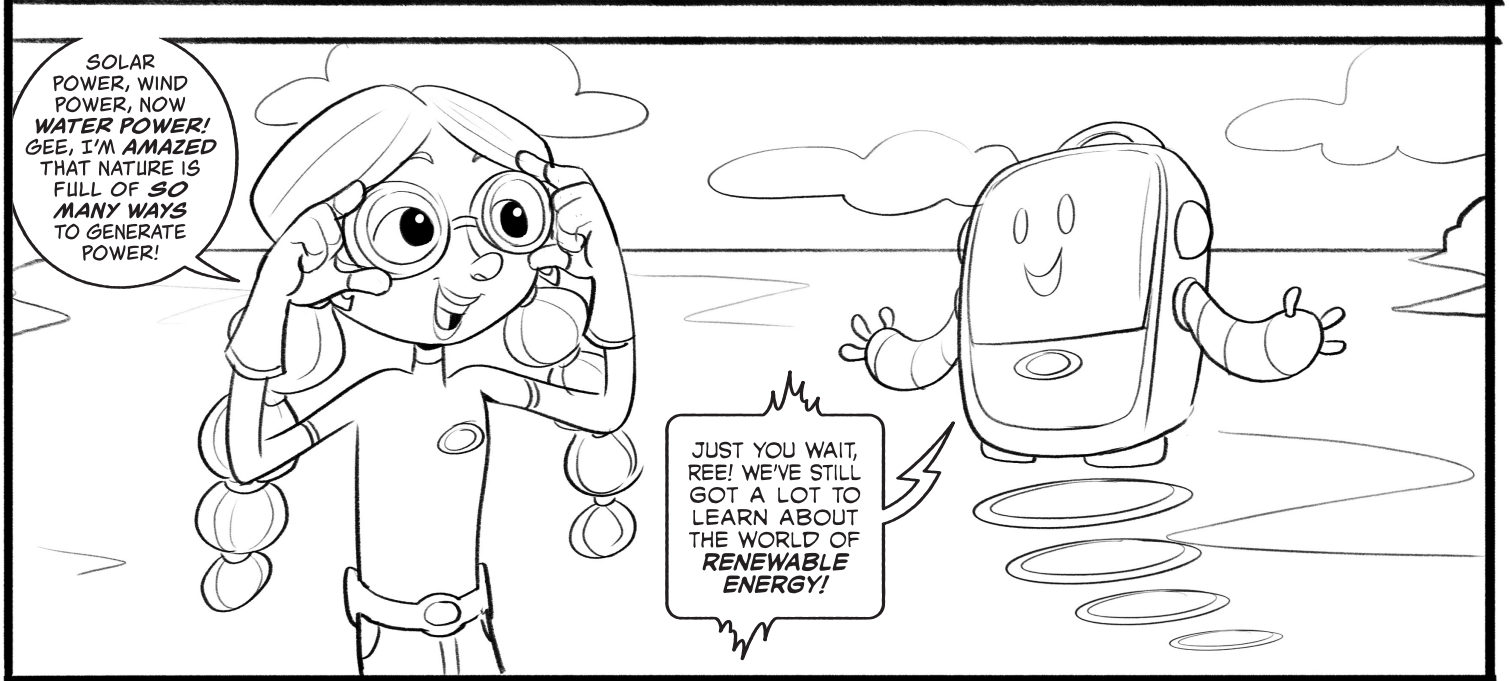
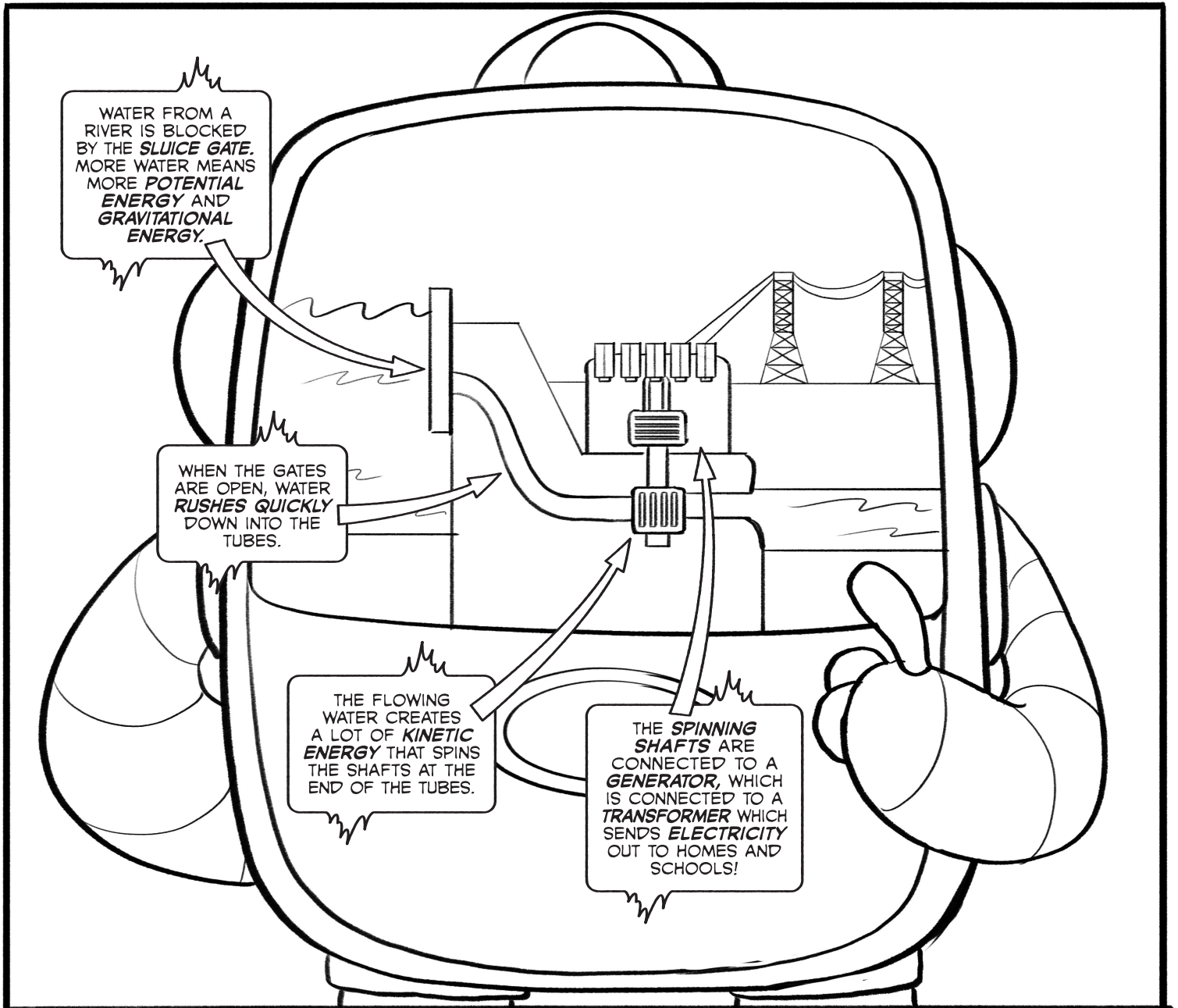
"HYDRO" MEANS  
WATER AND "ELECTRIC"  
IS **ELECTRICITY**, SO  
"HYDROELECTRIC  
POWER" MEANS **USING  
WATER TO CREATE  
ELECTRICITY!**

**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!



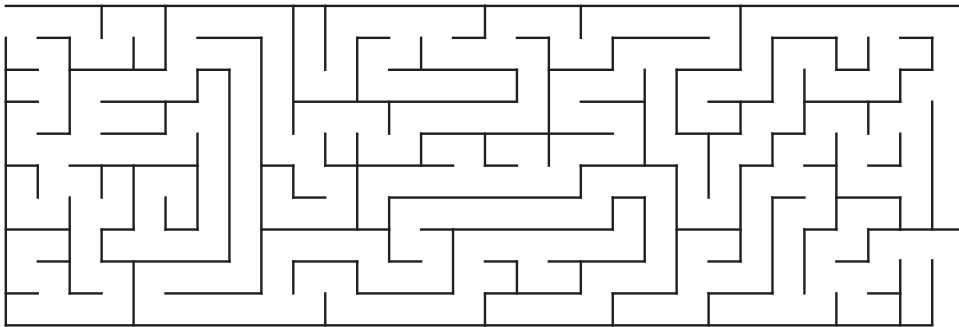


# REE & GEE'S PUZZLE PAGE

## RENEWABLE WORD SEARCH

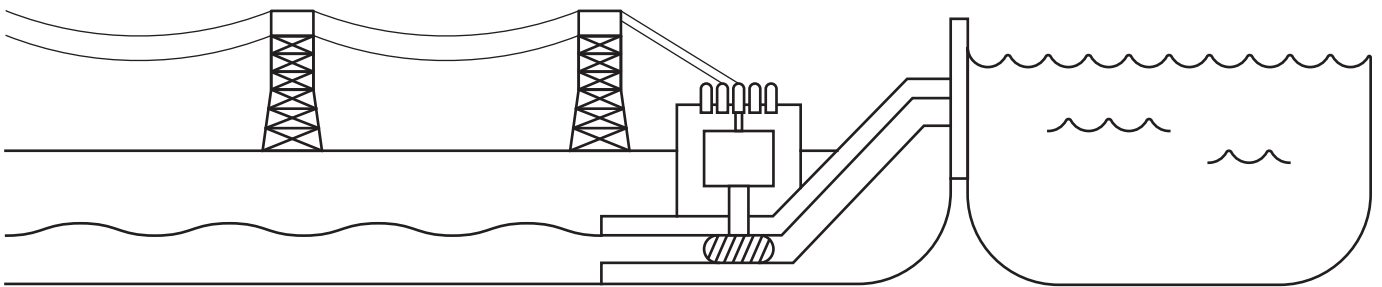
- Dam
- Electricity
- Generator
- Hydroelectric
- Kinetic Energy
- Multimeter
- Potential
- Energy
- Turbines
- Voltage

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.

