

ENERGY Office of Nuclear Energy

COPYRIGHT 2024 CHROMOSPHERE

ALL RIGHTS RESERVED THIS BOOK OR ANY PORTION THEREOF MAY NOT BE REPRODUCED OR USED IN ANY MANNER WHATSOEVER WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE PUBLISHER EXCEPT FOR THE USE OF BRIEF QUOTATIONS IN A BOOK REVIEW OR AS PERMITTED BY U.S. COPYRIGHT LAW.

THIS WORK WAS AUTHORED UNDER NATIONAL RENEWABLE ENERGY LABORATORY (NREL) SUBCONTRACT NO. SUB-2024-10158. NREL IS OPERATED BY ALLIANCE FOR SUSTAINABLE ENERGY, LLC FOR THE U.S. DEPARTMENT OF ENERGY (DOE) UNDER CONTRACT NO. DE-AC36-08G028308. FUNDING PROVIDED BY DOE'S OFFICE OF NUCLEAR ENERGY. THE VIEWS EXPRESSED HEREIN DO NOT NECESSARILY REPRESENT THE VIEWS OF THE DOE OR THE U.S. GOVERNMENT.

NATIONAL RENEWABLE ENERGY LABORATORY (NREL) 15013 DENVER WEST PARKWAY | GOLDEN CO 80401





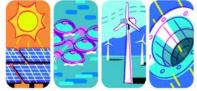
HI! I'M POWER OFFICER GINA AND I'M HERE TO TALK ABOUT ENERGY!



POWER OFFICERS AND ENERGIZERS USE SPECIAL GOGGLES TO SEE ENERGY AS...



WE USE ENERGY TO POWER ALMOST EVERYTHING IN OUR LIVES!



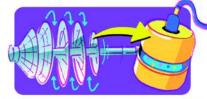
ENERGY COMES FROM ALL DIFFERENT KINDS OF PLACES.



JOULES!



THE JOULES ARE PLAYFUL AND FULL OF ENERGY! WE USUALLY FIND THEM ENJOYING VARIOUS OUTDOOR ACTIVITIES.



USING GENERATORS SUCH AS TURBINES, WE CAN USE THE JOULES FOR ELECTRICITY OR CAPTURE THEM AND STORE THEIR ENERGY TO USE LATER!



ONCE A JOULE HAS BEEN USED TO POWER SOMETHING, IT GETS REALLY TIRED...



BUT AFTER A REST. THE JOULE RETURNS TO DOING WHAT IT LOVES TO DO!



WHEN WE'RE READY TO USE THE

ENERGY FROM THE JOULES. THEY

TRAVEL THROUGH WIRES ...

THEN THE WHOLE PROCESS CAN START AGAIN!



AND USE THEIR ENERGY

AND EXCITEMENT TO

POWER OUR DEVICES!

IF YOU THINK YOU WOULD LIKE TO LEARN MORE ABOUT ENERGY AND JOULES, CONSIDER BECOMING AN ENERGIZER!

















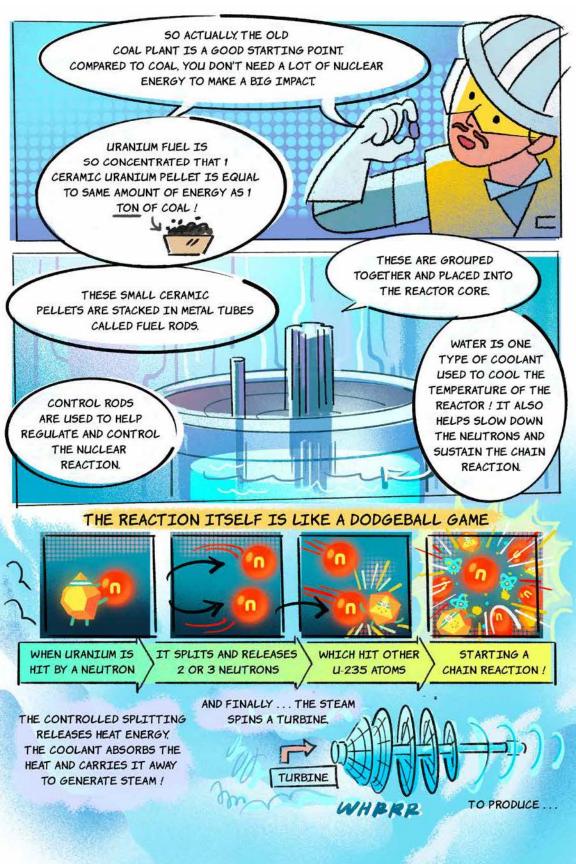




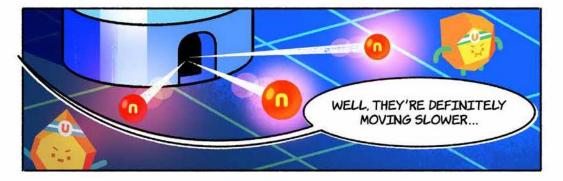
^{*} SPARK SQUAD : VOLUME 1













OH ...?

n

47 (A) A) 487 A



OH!



THEY MADE CONTACT!

IT'S SPLITTING!

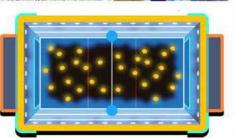
FWO 0000

n

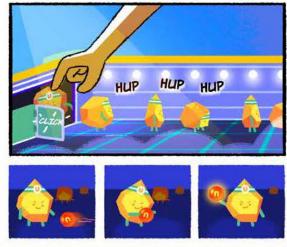
Williamana .





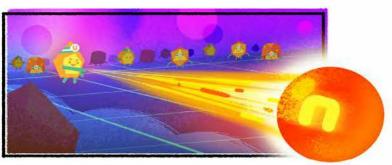


WELL THERE ARE CERTAINLY LOTS NOW ...



















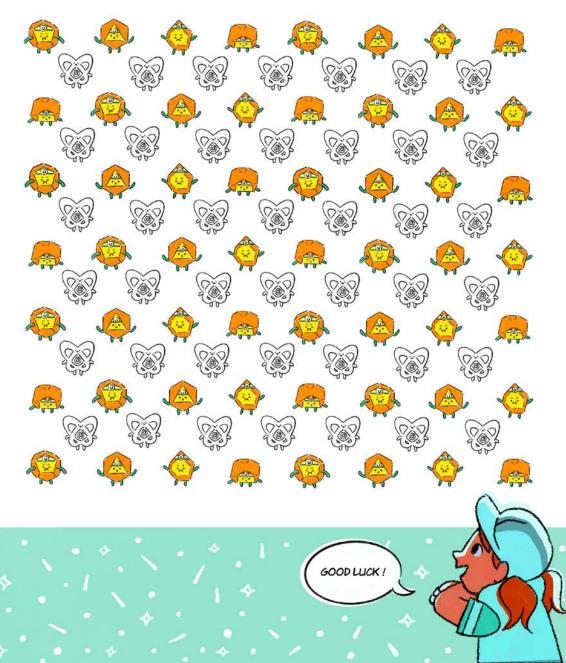


HOW TO PLAY:

1) GET A FRIEND AND TWO DIFFERENT COLORS TO DRAW WITH.

2) TAKE TURNS CONNECTING THE ORANGE U-235 ATOMS TO FORM A HORIZONTAL OR VERTICAL LINE. YOU CAN ONLY DRAW A LINE BETWEEN 2 ATOMS AT A TIME. 3) IF YOU COMPLETE A SQUARE, COLOR THE NUCLEAR JOULE IN THE MIDDLE THAT YOU'VE "COLLECTED".

4) KEEP GOING UNTIL ALL OF THE JOULES ARE COLORED IN. WHOEVER HAS COLORED THE MOST JOULES HAS THE BIGGEST CHAIN REACTION AND WINS THE GAME !







THE SPARK SQUAD IS GETTING CLOSER TO THEIR GOAL OF MAKING IT TO THE POWER FAIR THE TEAM IS CHARGED UP BUT HAVE A BIG OBSTACLE IN THEIR PATH: THE REGIONAL COMPETITION. IN ORDER TO QUALIFY. THE TEAM ENLISTS THE HELP OF ARIA'S OLD FRIEND DAKOTA A RISING CELEBRITY IN THE WORLD OF NUCLEAR ENERGY WITH DAKOTA'S KNOWLEDGE OF THIS POWERFUL BUT CLEAN & SUSTAINABLE ENERGY SOURCE. SHE MAY HOLD THE KEY TO HELP THE SPARK SQUAD CAPTURE ENOUGH JOULES TO MAKE IT TO THE POWER FAIR !

READ MORE ENERGIZING ADVENTURES FROM THE SPARK SQUAD



ENERGY Office of Nuclear Energy

SCAN TO VISIT THE SPARK SQUAD WEBSITE

