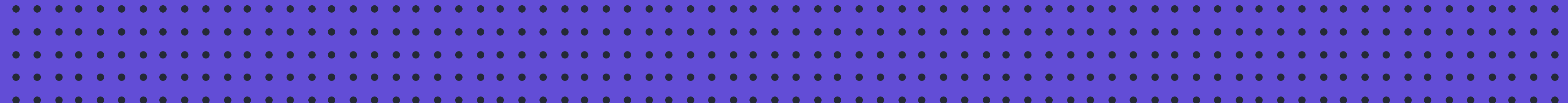


THE ART OF

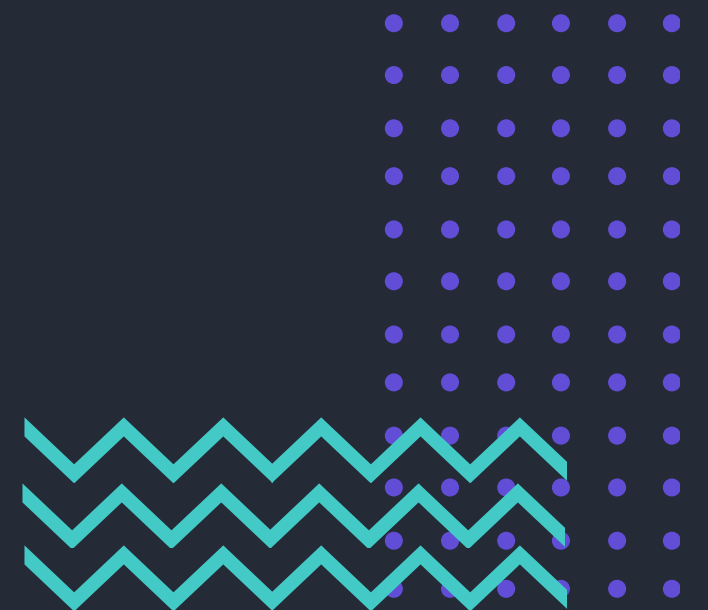
METS LAB





# WHAT IS METS LAB?

**METS IS AN EDUCATIONAL APPROACH TO LEARNING THAT USES MATHEMATICS, ENGINEERING, TECHNOLOGY AND SCIENCE AS ACCESS POINTS FOR GUIDING STUDENT INQUIRY, DIALOGUE, AND CRITICAL THINKING.**



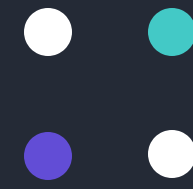
# LIST OF LEARNING EXPERIMENTS



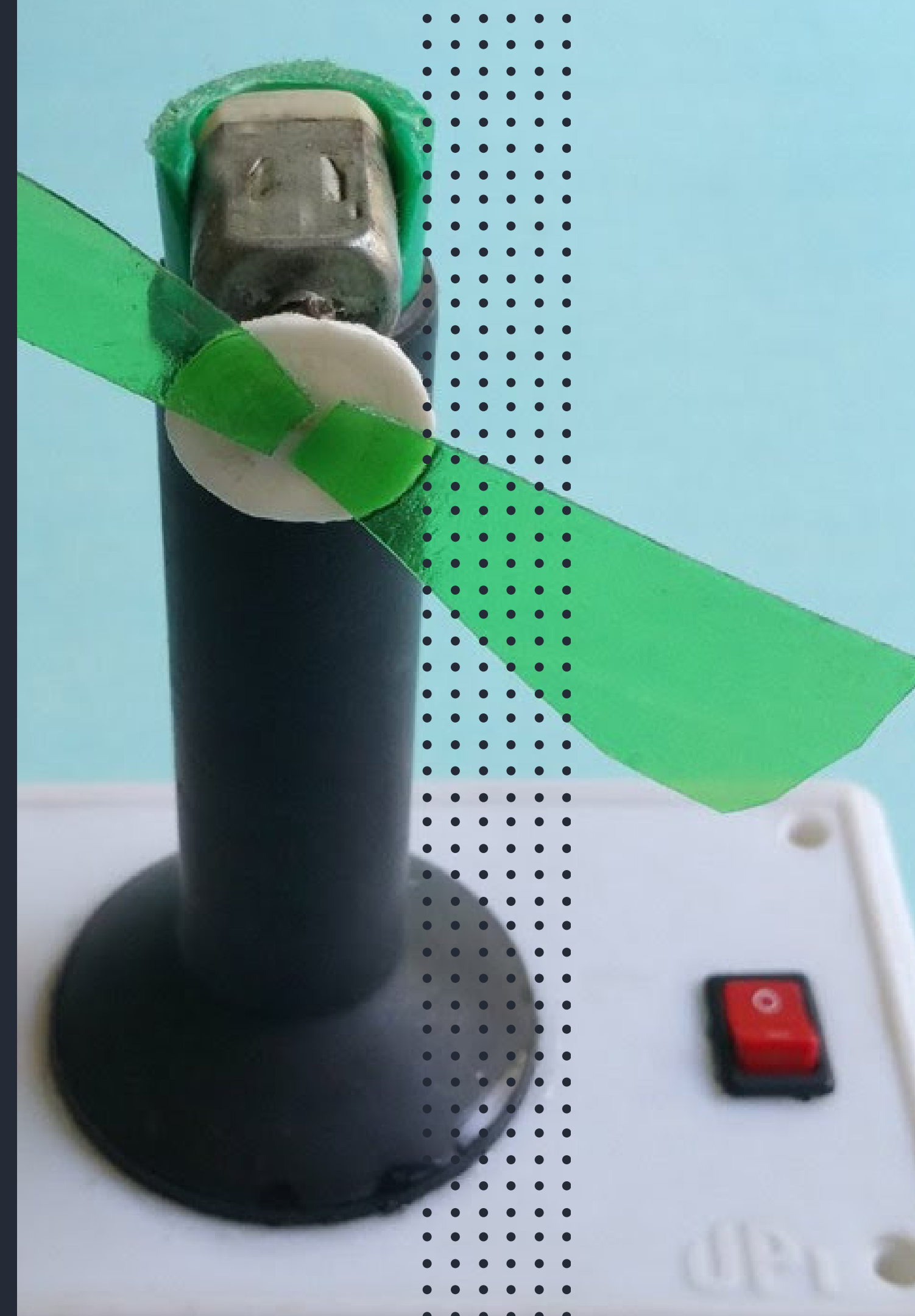
- MAKE PROJECTOR USING BULB
- CHARGE MOBILE FROM OTHER MOBILE
- MAKE JOYSTICK FROM MOBILE
- ELECTRICITY GENERATION THROUGH HEAT & LIGHT
- MAKE VACCUM CLEANER
- MAKE FIDGET SPINNER
- MAKE LIGHTER FROM CAP
- ICE COOLER FROM PEPSI CANE
- BOIL WATER THROUGH BLADES
- MAKE BURNER FROM THE PEPSI CANE
- CREATE AIR PUMP THROUGH CAP
- MAKE BOW FROM STICKS
- MAKE TORCH FROM SINGLE CELL
- POWER GENERATION FROM LEMONS
- GENERATE POWER THROUGH APPLES



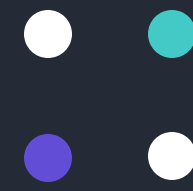
# LIST OF LEARNING EXPERIMENTS



- MAKE CANDLE FROM EGG
- COCA COLA CHOCOLATE BOTTLE WITH CANDY'S
- LET'S COOK EGG WITHOUT FRYPAN
- MAKE WATER PROOF SHOE
- FANCY LUNCH BOXES
- DIVING SHIP FROM POLOTHIN
- HOW TO MAKE CAMPING WASHING MACHINE?
- HOW TO MAKE PAPER SOAP, CANDLE STICKS, WIND RESISTANCE MATCH STICKS
- HOW TO FIRE WITHOUT MATCHBOX
- MAKE POPCORN WITHOUT USING APPLIANCES
- MAKE A BIO TOILET, A SEPTIC TANK
- HOW TO MAKE WATER FILTER
- 30 UNBELIEVABLE TRICKS ONLY FOR LADIES
- 100 UNBELIEVABLE TRICKS TO MAKE HOME BEAUTIFUL

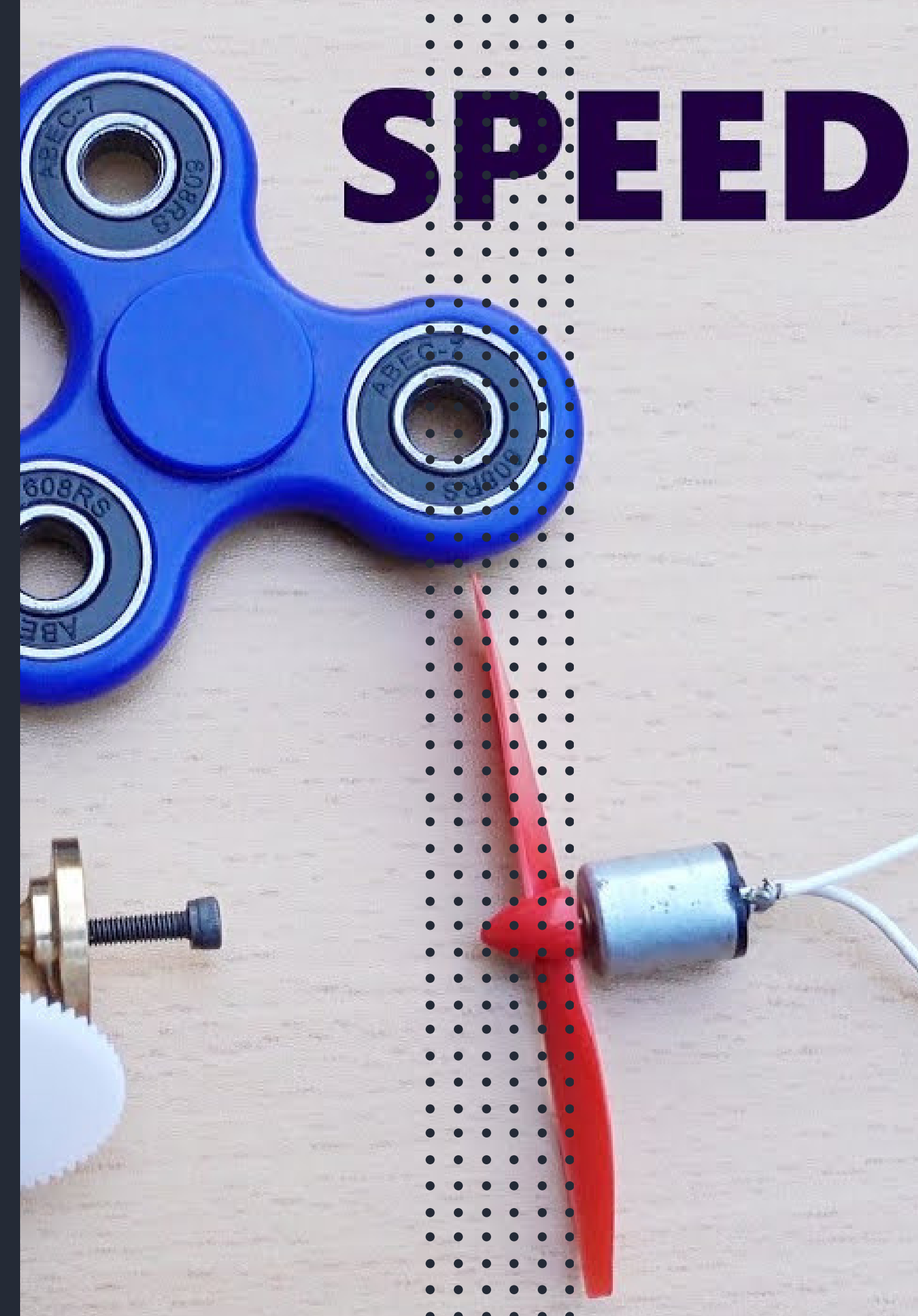


# LIST OF LEARNING EXPERIMENTS



- LET'S MAKE SPORTY BED
- GENERATE FREE ELECTRICITY OF 150 WATT
- MAKE VACCUM PUMP & CHAMBER
- LET'S MAKE ADJUSTABLE VOLTAGE POWER SUPPLY
- HOW TO MAKE KETTLE
- LET'S MAKE FLYING AEROPLANE
- HOW TO MAKE ROBOT TOY
- HOW TO GENERATE ENERGY THROUGH MAGNETS & DC MOTORS
- HOW TO MAKE QUADCOPTER?
- SPINNING HOMOPOLAR MOTOR FROM FROM MAGNETS
- FREE ELECTRICITY GENERATOR FROM MAGNET
- LET'S MAKE VACCUM CLEANER
- HOW TO SWITCH ON/OFF THE PLUG FROM REMOTE
- HOW TO MAKE FIDGET SPINNER FROM CELL

# SPEED





# GIVE EDGE ON THIS COMPETITIVE WORLD



METS can stop short of its best manifestation without several core components:

- METS is an integrated approach to learning which requires an intentional connection between standards, assessments and lesson design/implementation
  - True METS experiences involve two or more standards from Math, Engineering, Technology and the Science to be taught AND assessed in and through each other
    - Inquiry, collaboration, and an emphasis on process-based learning are at the heart of the METS approach
- Utilizing and leveraging the integrity of the arts themselves is essential to an authentic METS initiative





DO SOMETHING DIFFERENT,  
IF YOU WANT TO MAKE YOURSELF  
DIFFERENT!!!

- ACADNETS -