JR Education	MID-2nd SEMESTER EXAMINATION PAPER ACADEMIC YEAR 2021/2022	
	Subject : Science	Name :
	Primary : 6	Day/ Date :

I. For the following devices state what type of Energy is used from this list:

Chemical ***Kinetic*** ***Heat (thermal)*** ***Sound*** ***Electrical*** ***Light***

Light bulb: 

Input Energy _____

Useful Energy _____ Waste Energy _____

Electric 

Drill: Input Energy _____

Useful Energy _____

Waste Energy_____ & _____



TV: Input Energy _____

Useful Energy _____ & _____

Waste Energy _____

Car engine: 

Input Energy _____

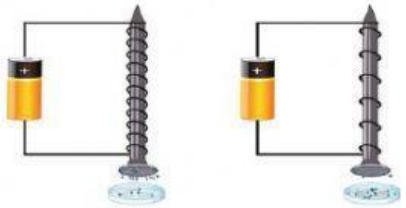
Useful Energy _____

Waste Energy _____ & _____

LIVEWORKSHEETS

5. **Please Draw an electromagnetic in the box below**

6. **Look at this picture.**



I II

a. Which picture that has bigger electromagnetic?

_____

b. Why do you think so? Please explain your answer.

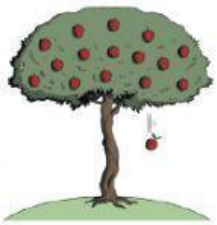
_____

_____

7. **Please write 3 things that make electromagnetic stronger.**

LIVEWORKSHEETS

8. Write the forces that applied in these pictures.



a) Name the force that causes the apple to fall to the ground.



b) Name the force that slows down the parachutist when he opens the parachute.



c) Name the force that stops the penguin slipping on the ice.

9. Do These questions.

Remember: Rub your hands together quickly. Write down what happens to your hands.

Understand: Why do you think this happens to your hands? Explain using your ideas about friction.

Apply: Can you think of any examples of when we use friction to generate heat? (Use the picture sheet to help) What do you need to do to increase the amount of heat generated?

LIVEWORKSHEETS