



Science Department

2023/2024

Year 4

Term 1, Week 9

ASPIRE

INTERNATIONAL SCHOOL

Name:

Class:



1 Read the sentences and then answer the questions.

Vikal’s classroom is cold and dark in winter. Before Vikal starts writing in his workbook, he rubs his hands together. The teacher switches on the light so the class can see the whiteboard better. The teacher shows the class a video on her computer. At break Vikal eats a banana. He then plays football with his friends until he hears the bell ring at the end of break.

a Why does Vikal rub his hands together?

.....

b Draw an energy chain to show the energy change when he does this.

.....

c Describe the energy change that makes the light work.

.....

d Draw an energy chain to show the energy changes that happen in the teacher’s computer.

.....

e Where does Vikal get energy from to play football?

.....

f Draw an energy chain of the energy changes that allow Vikal to kick the ball.

.....

g Name the form of energy that tells Vikal that break has ended.

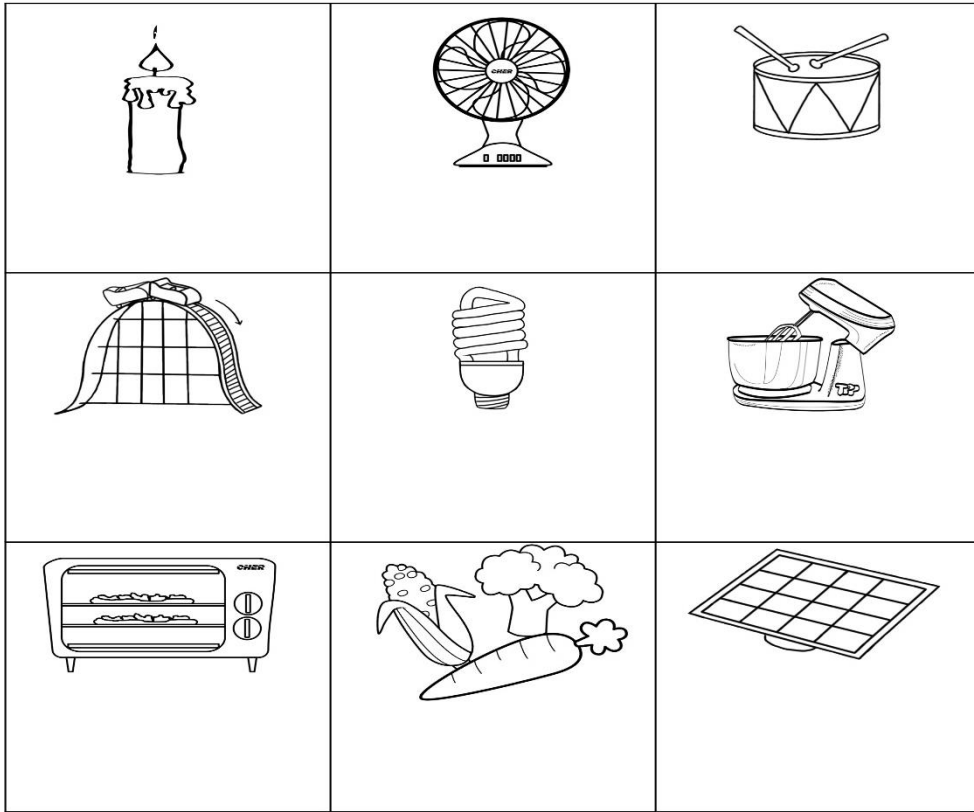
.....

h Why is he able to hear the sound?

.....

.....

2-Describe the energy chain in each of the following pictures:



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1.....

2.....

3.....

4.....

5.....

6.....

7.....

8.....

9.....