בס"ד

מקיף ה' אשדוד
<u>בי"ס על-יסודי ומכללה לטכנאים ולהנדסאים</u>

Name:_____
Class: _____ Date: _____

READING (60 points)

A Read the article.

SUNLIGHT COMES TO TOWN

Many people who live in cold places travel from their homes in the winter to find sunshine. The people of Rjukan, a small town in Norway, don't need to do this. Although there is no sunlight for six months of the year, the people of this town do not need to travel to find sunshine. In fact, they bring the sunlight to their town.

In 1913, a scientist named Sam Eyde saw that the closest sunlight to Rjukan was on the mountains next to the town. He suggested that they bring the sunlight into the town with the help of mirrors[1]. The mirrors would collect the light of the sun and shine it into the town. The problem was that in those days they didn't have the technology to do this. So in 1929, the town built a cable car[3] in order to take people up the mountain to enjoy the sunshine. In the winter months, many people used the cable car to escape the darkness for a day.

Now, a hundred years after Eyde's suggestion, the sun shines in the town every day. On the top of the mountain, three very large mirrors catch the light of the sun. With the help of computers, these mirrors follow the sun and create a small area[4] of sunlight in the center of town. Now the people of Rjukan can have sunlight every day of the year. They do not have to travel far to spend time in a sunny area. As one teacher in the town says, "I can't believe how wonderful it is to have sunlight in the winter. For years all of us were sad every winter. We dreamed of sunlight, but we knew it wasn't possible. Now it's like magic. We can all go to a place that always has sunshine."

[1]mirrors מראות / مرايا
[2]technology טכנולוגיה / تكنولوجيا
[3]cable car רכבל / عربة معلّقة، تلفريك
[4]area אזור / منطقة

LIVEWORKSHEETS

B Answer the questions about the article.

1. Why do many people from cold places travel in the winter? (paragraph 1) (6 points)
Because……..

2. Which TWO facts do we learn about Rjukan? (paragraph 1) (2 x 6 = 12 points)

a. It is in Norway.
b. People need to travel to find sunshine in the winter.
c. It is a big city.
d. It is a small town.
e. It is warm all year.

3. Complete the sentences according to paragraph 2. (2 x 6 = 12 points)

1. Sam Eyde's idea was to ……
2. His idea didn't work because ……

4. Why did the town build a cable car in 1929? (paragraph 2) (6 points)
……

5. a. Choose the correct answer, True or False. (paragraph 3) (2 x 6 = 12 points)

Now, there is sunlight in every street of Rjukan in the winter. TRUE / FALSE

b. **Copy the words that helped you answer**……

6. Circle the correct word in each of the sentences and then complete the sentences. (paragraph 3) (2 x 6 = 12 points)

1. Before the mirrors brought sunlight to town, the people of Rjukan felt **sad** / **happy** because ……..
2. Today, the people of the town feel **sad** / **happy** because ……
……

VOCABULARY (40 points)
Choose (circle) the correct answer. (10 x 4 = 40 points)

1. Ms. Turner is **opposite** / **in charge of** / **because of** the class trip.
2. The animal's **fur** / **sunburn** / **wool** is brown.
3. At the end of our tour, we gave the **event** / **tour guide** / **tourist** a tip.
4. Today the weather is **expensive** / **creative** / **perfect** for our trip.
5. The **athlete** / **tradition** / **competition** is going to run in the race on Sunday.
6. What is your **escape** / **countryside** / **date** of birth?
7. Please turn off the **art** / **company** / **light** when you leave the room.
8. The teacher is angry at Helen because she doesn't **surprise** / **sit still** / **get hurt** in class.
9. How do you **celebrate** / **look for** / **visit** the New Year?
10. You need to **fall asleep** / **pay attention** / **take care of** in class.

LIVEWORKSHEETS