



COLEGIO CHAMPAGNAT

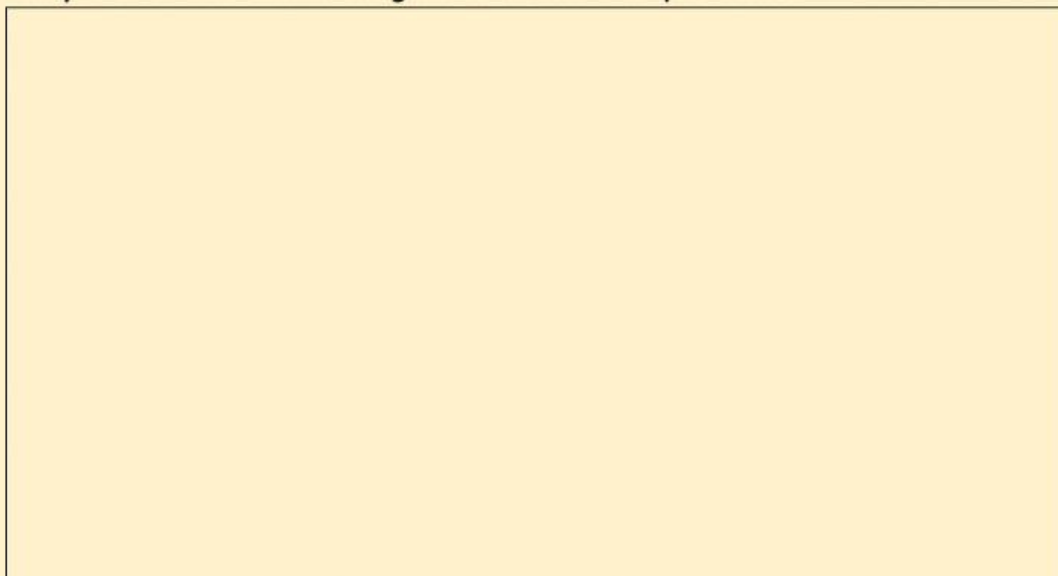
7/31/2020

SCIENCE EVALUATION #3 BIMESTER 3 FOR 5<sup>TH</sup> GRADE

TEACHER: NANCY DE RUBALLO

INSTRUCTIONS: Please check on your teacher's video link and your book before taking the assignment.

A. Analyze the video and investigate to answer the questions.



1. Air and water do not have a shadow because light \_\_\_\_\_ pass through them.
2. The number of shadows you have will depend on the number \_\_\_\_\_.
3. If the light source is far from the object, the shadow gets \_\_\_\_\_.
4. Light travels in a \_\_\_\_\_ line.
5. The \_\_\_\_\_ got time based on \_\_\_\_\_.

**B. True and false**

6. Shadows are formed when light hits translucent object. \_\_\_\_\_
7. The length of the shadow is the result of the light angle \_\_\_\_\_
8. The shadow size is affected by the distance of light. \_\_\_\_\_
9. A wide light makes the edges of object well defined. \_\_\_\_\_
10. The shape of the shadow is determined by the object's silhouette. \_\_\_\_\_



**C. Match the statements.**

- |                                   |                             |
|-----------------------------------|-----------------------------|
| 11. The shadow is bigger...       | shadows.                    |
| 12. The shadow is small...        | if the light is close.      |
| 13. The shadow changes angles ... | if the light is far away.   |
| 14. Light is needed to create...  | if the light changes angle. |
| 15. Humans are ...                | opaque as they block light. |

**D. Name the type of phenomena in each picture. (3 points)**



**E. Drag the shadow according to the sun position (6 points)**



| PAIR #1 | PAIR #2 | PAIR #3 |
|---------|---------|---------|
|         |         |         |



F: Drag the figures and drop them in the category, according to the way they behave with light. (9 points) Please place the, respecting the number sequence they have.

1



2



3



4



5



6



7



8



9



Translucent

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

Transparent

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

Opaque

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

ENJOY YOUR VACATION