	COLEGIO ANGLO AMERICANO ***"Proyecto forjador de valores para una Nueva Sociedad"***		
	DEPARTAMENTO DE CIENCIAS NATURALES Y EDUCACIÓN AMBIENTAL-PHYSICS AND CHEMISTRY		
	Evaluative activity; Non-Luminous objects		
TIME	**20 minutes**	**GRADE**	**DATE**
Sudent´s name		**3º ___**	**July _ de 2021**

	Achievement indicator	Grade
3	The student mentions the differences between transparent and translucent bodies.	

1. **Peter is studying for his physics and chemistry class, and he is doing an experiment to compare transparent, opaque, and translucent objects. Label with an X according how the light pass:**

 Transparent ( ). Opaque ( ). Translucent ( ).	 Transparent ( ). Opaque ( ). Translucent ( ).	 Transparent ( ). Opaque ( ). Translucent ( ).
 Transparent ( ). Opaque ( ). Translucent ( ).	 Transparent ( ). Opaque ( ). Translucent ( ).	 Transparent ( ). Opaque ( ). Translucent ( ).

2. **Lucia goes every Thursday to swimming pool classes, so she is interested to know about the reason that some doors in the shower do not allow to see complete the objects when the light pass. What is the option to explain this situation?**

A. it is an opaque object that does not allow to pass light.
B. it is a translucent object that allows some light to pass.
C. it is transparent, and light passes through some objects.
D. it is translucent, and the light passes complete through an object.

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3. **The teacher gives to the students the following pictures, she asks to connect column A with B:**

Column A

Column B

It is an opaque object that do not allow light to pass through it at all.

It is a translucent object that allows some light to pass through it.

It is a transparent object that allows light to pass through the other side clearly.

4. **Read the following text and underlines the correct answer in the parenthesis:**

Light interacts with non-luminous objects in different ways, for example in transparent objects the light **(passes/ does not pass)** completely through some objects, for example water, and we can see the other side completely. For the opaque objects, the light is blocked from the object and **(light passes completely /shadows appear**), one example is a backpack. And the translucent objects **(some light/any light**) passes through them and you can see partially the other side, some examples are **(plastic or frosted glass/water and glass).**

5. **Complete the chart with the words in the boxes:**

Light pass complete	Shadows	Light pass partially	Plastic

Non- luminous objects	Transparent	Opaque	Translucent
Light		Block light	
Observation	See complete another side		See partially another side.
Examples	Water	Backpack	

Teacher´s name:	Revised by:	Approved by:
María Camila Quevedo	Mireya Malpica	Mireya Malpica

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