UNIT 4: FUTURE ISSUES

Name: _____ Grade: 8th____

Priorización de objetivos: Nivel 1 -Comprensión lectora OA9

Habilidades: -Identificar voacabulario temático de la unidad en forma escrita y auditiva. – Responder a preguntas aplicando estructuras relativas al future simple. – Comprender un texto de acuerdo al nivel identificando información general y específica.

SECTION 1: SETTING THE CONTEXT
Artificial intelligence

1. Observe the image and answer.
- Observa la imagen y responde.

★ What role will robots play in our society later this century?

………………………………..

★ Can you think of movies that have robots in them?

……………………………………

★ How much of the human body will be replaced by machines?

……………………………………

2. Observe the images and answer the questions.
- Observa las imágenes y responde las preguntas.

| **Animal robot** | **Android robot** | **Toy Robot** |

1. Do you think you will have a robot in 10 years?
   A. Yes
   B. No

2. What will your robot look like?
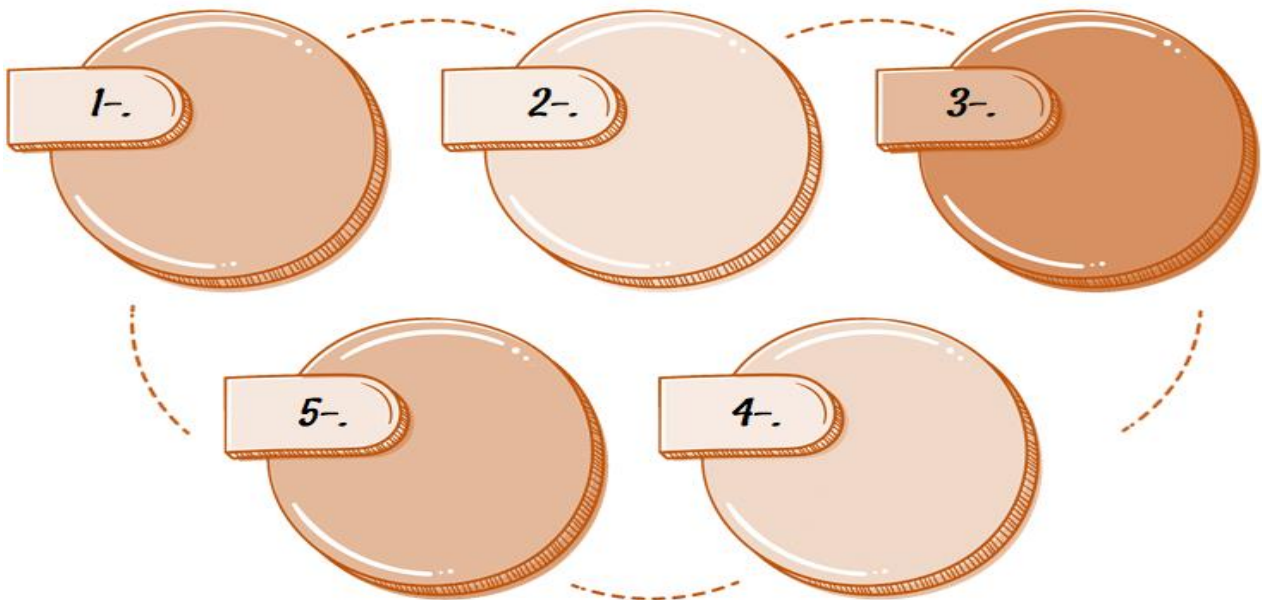   A. Animal
   B. Android
   C. Toy

3. What will your robot be able to do?
   A. school assignments
   B. housework
   C. solve love problems

3. **Write words you associate with <u>artificial intelligence.</u>**
   ● Escribe palabras que asocias con <u>inteligencia artificial.</u>

Artificial intelligence

1-.

2-.

3-.

5-.

4-.

4. Write if you agree (a) or disagree (d) according to your own ideas.

- Escribe si estás de acuerdo (a) o en desacuerdo (d) según tus propias ideas.

____	**An artificial brain will be able to learn faster than a human brain.**
____	**Artificial intelligence will have emotions.**
____	**All humans will be controlled by intelligent machines.**
____	**Artificial intelligence will make the world a better place.**
____	**Robots will cause unemployment.**
____	**Machines will be able to think and reason for themselves.**

SECTION 2: LET'S PRACTICE
Robots smarter than humans?

1. Observe the image of the text and answer the questions.
- Observa la imagen del texto y responde las preguntas.

A-.What do you imagine when you see the word "robot"?
....
....

B-. Are robots dangerous?
....
....

C-. What do you think robots will do in 20 years? Write a prediction.
....
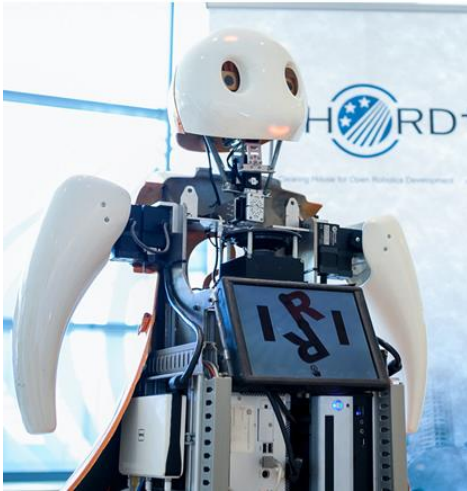................

2. Read the text.

- Lee el texto.

26th February 2014   # BREAKING NEWS

Robots smarter than humans by 2029?

A scientist said robots will be more intelligent than humans by 2029. The scientist's name is Ray Kurzweil. He works for Google as Director of Engineering. He is one of the world's leading experts on artificial intelligence (A.I.). Mr Kurzweil believes computers will be able to learn from experiences, just like humans. He also thinks they will be able to tell jokes and stories, and even flirt. Kurzweil's 2029 prediction is a lot sooner than many people thought. The scientist said that in 1999, many A.I. experts said it would be hundreds of years before a computer was more intelligent than a human. He said that it would not be long before computer intelligence is one billion times more powerful than the human brain.

Mr. Kurzweil joked that many years ago, people thought he was a little crazy for predicting computers would be as intelligent as humans. His thinking is the same but everyone else could change the way they think. He said: "My views are not radical anymore. I stay consistent. It's the rest of the world that's changing its view." He highlighted examples of high-tech things we use, see or read about every day. These things make us believe that computers have intelligence. He said people think differently now: "Because the public knows things like Siri [the iPhone's voice-recognition technology] where you talk to a computer; they also know the Google self-driving cars."

Text taken and adapted from
https://breakingnewsenglish.com/1402/140226-artificial-intelligence.html

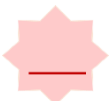**Vocabulary**

A:I: inteligencia artificial   **brain: cerebro**   **highlighted: destacó**
self-driving cars: autos autónomos

3. Read the text carefully and decide if the following sentences are correct (C) or incorrect (I).

- Lee el texto cuidadosamente y decide si las siguientes oraciones son correctas (C) o incorrectas (I).

_____	The article is taken from a scientist from Google.
_____	Many people thought robots would be smarter than humans in 1999.
_____	The scientist said his views about robots are more radical than ever.
_____	Mr Kurzweil says that computers will learn from experiences.
_____	High-tech things make humans believe that computers have intelligence.
_____	Siri is the name for Google self-driving cars.

4. Based on the text, match the two parts of the sentences. Write the corresponding letter.

- Basado en el texto, une las dos partes de las oraciones. Escribe la letra correspondiente.

a. Robots will be more	…….. driving cars.
b. The human	…….. recognition technology.
c. iPhone´s voice-	…….. just like us.
d. The world's leading experts	…….. tech.
e. The Google self-	…….. on artificial intelligence.
f. Computers will learn	…….. brain.
g. High-	…….. intelligent than humans.

5. After reading the text, answer these questions.
- Después de leer el texto, responde estas preguntas.

a. Do you think computers will be smarter than humans?	
b. What kind of robots would you like to have?	
c. What questions would you like to ask Dr. Ray Kurzweil? Write 2.	1) 2)

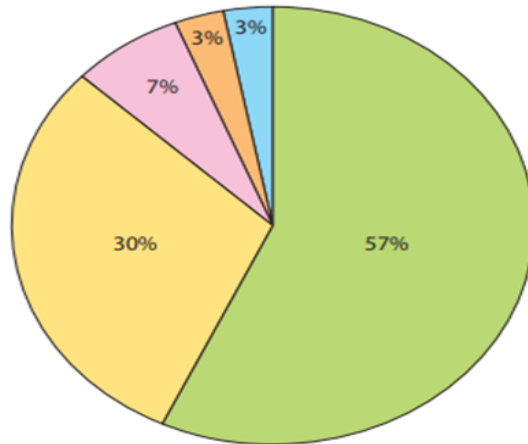# SECTION 3: LET´S CONSTRUCT AND APPLY OUR KNOWLEDGE

Robots in the future

1. **Think about how robots will be able to perform different jobs in the future, as for example, take care of senior citizens. Observe the pie chart and put a ✓ in the correct boxes.**
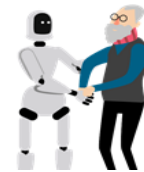   - Piensa en cómo los robots serán capaces de llevar a cabo diferentes trabajos en el futuro como por ejemplo,cuidar de adultos mayores. Observa el gráfico de torta y pon un ✓ en los

**Will personal care robots isolate seniors even more?
Or will they help seniors to socialize better?**

3% 3%

7%

30% 57%

- Robots will help to keep seniors company **and** will help them socialize with other people.
- Robots will **not** be good at keeping seniors company **but** will allow them to socialize with other people.
- Robots will successfully keep seniors company **but** will isolate them even more from other poeple.
- Robots will **not** be good at keeping seniors company **and** will not help them to socialize with other people.
- No response.

Source: http://www.openroboethics.org/results-robots-will-enable-seniors-to-socialize-more-says-readers/

cuadros correctos.

	Robots will help to keep seniors company.		Robots will allow seniors to socialize with other people.	
	Yes	No	Yes	No
57% of people believe...				
30% of people believe...				
7% of people believe...				

3% of people believe...				

2. Read the sentences about future technology and decide if they are an advantage (a) or a disadvantage (d).

● Lee las oraciones acerca de la tecnología futura y decide si son una ventaja(a) o una desventaja(d).

1) Technology will help to make daily life easier.   _ _ _ _ _ _

2) People will have less social life.   _ _ _ _ _ _

3) People will be replaced by machines.   _ _ _ _ _ _

4) Communications will be better.   _ _ _ _ _ _

5) People will become technology addicts.   _ _ _ _ _ _

6) We will have easier and faster access to information.   _ _ _ _ _ _

7) Cultural influences will spread across the world faster.   _ _ _ _ _ _

8) Medicine will cure more illnesses.   _ _ _ _ _ _

9) We will reduce the waste (plastic, paper, etc).   _ _ _ _ _ _

10) We will lose our privacy and security.   _ _ _ _ _ _

3. Create your own robot.
Answer the questions to guide your creation and draw it.
- Crea tu propio robot. Responde las preguntas para guiar tu creación y dibújalo.

★ A useful robot solves a problem. What problem will you want to solve?

A. Environmental problems
B. Healthy issues
C. To explore dangerous places

★ What will your robot be inspired by? *Example: animal, nature, objects, etc.*

_____

★ What will your robot be made of? Why?

_____
_____

★ How will your robot work or move? *Example: wheels, electricity, etc.*

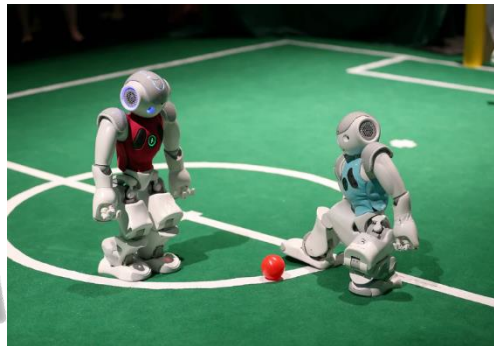_____
_____

★ Your robot:

SECTION 4: EXTRA ACTIVITY

Your predictions about the future

1. **According to the content of this lesson, make predictions about what the world will be like in 50 years, related to these 3 aspects: technology, people and environment. Write them down!**

   - De acuerdo al contenido de esta lección, haz predicciones sobre cómo será el mundo en 50 años, relacionadas a estos 3 aspectos: tecnología, personas y medio ambiente. Escríbelos!

Example:
Technology: Robots will play football as a team.
People: We will communicate with each other through telepathic head implants.
Environment: Buildings will be covered in vegetation designed to filter out pollutants and retain CO2.

SECTION 5: Digital Resources
Take a look at these links!

★ **https://learnenglishkids.britishcouncil.org/grammar-practice/will-future-predictions**
https://bdescolar.mineduc.cl/info/robotics-00045875