



Colegio Bicentenario España

Mrs. Patricia Embry Torres

4th grades A – B –C


English

**UNIT TWO: RECENT DISCOVERIES AND CREATIONS**

AE 06: Demonstrate understanding of main ideas and explicit information in simple oral texts of varying lengths and interactions that present authentic use of language, such as news, talks or oral or audiovisual descriptions, related to recent discoveries and creations, and that contemplate the functions of describing actions and past events, request and confirm information, and compare processes and facts.


AE 07: Express themselves orally through monologues of approximately three minutes and dialogues of approximately 16 short and simple exchanges, which incorporate the communicative functions of previous years and the functions of describing past actions in which the subject is unknown, and requesting and confirming information.


AE 08: Write short and simple descriptive and narrative texts of approximately 150 words, such as letters and emails, related to recent discoveries and creations.


	<p>How are you girls?</p> <p>Today class I have the last activities of this unit before the test, so let's work and learn.</p> <p>See you soon!</p>
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# Great Inventions Worksheet 1


1 Write, find AND then circle.

1  This is A mobile \_\_\_\_\_ .

2  This is A \_\_\_\_\_ tyre.

3  This is A \_\_\_\_\_ .


4  This is A \_\_\_\_\_ pen.

5  This is A light \_\_\_\_\_ .

6  This is \_\_\_\_\_ NAVIGATION.

R	B	A	L	L	P	O	I	N	T	C
S	P	E	Q	E	B	H	U	B	E	V
A	A	K	H	Z	R	E	P	N	L	C
T	P	H	O	N	E	J	L	E	E	A
E	R	B	U	L	B	I	A	P	S	T
L	R	G	G	B	F	M	Y	H	C	T
L	F	I	T	O	I	G	E	O	O	R
I	T	R	A	C	T	O	R	S	P	C
T	R	A	F	J	L	C	S	M	E	J
E	D	E	S	R	U	B	B	E	R	E
A	A	U	E	Y	T	A	S	U	I	P

7  This is AN MP3 \_\_\_\_\_ .

8  This is A \_\_\_\_\_ .

Complete the sentences. MATCH them with the correct YEAR.

- |  |                           |
|--|---------------------------|
| 1 John Boyd Dunlop invented the rubber t <u>yre</u> .            | He invented it in 1938.   |
| 2 The Wright brothers invented the first A _____ WITH AN engine. | He designed it in 1954.   |
| 3 LAZLO Biro invented A type of b _____ pen.                     | They invented it in 1903. |
| 4 ALEXANDER GRAHAM Bell MADE the first t _____ CALL.             | He MADE it in 1876.       |
| 5 George Devol designed A type of r _____ .                      | He invented it in 1888.   |

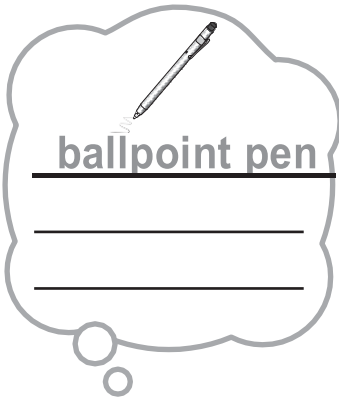
2 Choose two inventions AND write ABOUT them.

I think the grEATEST inventions ARE the \_\_\_\_\_ AND the  
\_\_\_\_\_ BECAUSE they \_\_\_\_\_  
\_\_\_\_\_ .

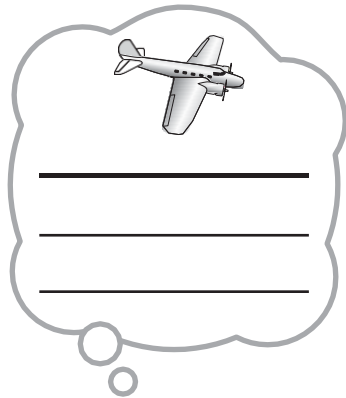
# Great Inventions Worksheet 2

## 1 Write the words in the correct column.

The Flyer    BALLPOINT pen    rubber tyre    Mr WATSON    engine    tube of AIR  
 text MESSAGE    wheels    AEROPLANE    inkspots    FOUNTAIN pen    telephone



ballpoint pen  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 2 Complete the sentences using the words.

photos    hours    letters    DANGEROUS    cycling    quills    TRAVELLED

- 1 Before the invention of the rubber tyre, cycling WAS Very uncomforTABLE.
- 2 Before the invention of the AEROPLANE, people \_\_\_\_\_ ACROSS the ATLANTIC by ship.
- 3 AerOPLANES CAN fly from London to New York in less THAN 7 \_\_\_\_\_ .
- 4 Before the invention of the BALLPOINT pen, people used \_\_\_\_\_ AND FOUNTAIN pens to write.
- 5 Before the invention of the telephone, people sent \_\_\_\_\_ AND TELEGRAMS.
- 6 Mobile phones CAN TAKE \_\_\_\_\_ AND send text MESSAGES.
- 7 Robots do jobs THAT ARE difficult or too \_\_\_\_\_ for people.

## 3 READ the questions. Write the ANSWERS.

- 1 WHAT were the first bicycle tyres MADE of? wood or metal
- 2 How FAR WAS the Wright brothers' first flight? \_\_\_\_\_
- 3 Who WAS the first WOMAN to fly ACROSS the ATLANTIC ALONE? \_\_\_\_\_
- 4 Which country WAS LAZLO Biro from? \_\_\_\_\_
- 5 When WAS the first INTERNATIONAL phone CALL MADE? \_\_\_\_\_
- 6 WHAT NATIONALITY is the robot ASIMO? \_\_\_\_\_

**LOOK AT THE PICTURE AND DECIDE IF THEY ARE DISCOVERIES OR CREATIONS.  
EXPLAIN THE DIFFERENCE IN YOUR OWN WORDS.**



Explanation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**WRITE 7 IMPORTANT DISCOVERIES AND 7 MODERN CREATIONS.**

DISCOVERIES

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

CREATIONS

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

**Reading comprehension:**

Read the following text. **“HOW IS TECHNOLOGY HELPING TO SOLVE GLOBAL CHALLENGES?”**

Technology can be applied to help remedy a variety of wider challenges facing society, from healthcare to Environmental sustainability – and technology leaders can play an important part in driving that change through innovative thinking and collaboration. Some ways tech (technology) is helping to solve major global challenges are:

**Education.** Smart classroom technology is breaking down the walls of the traditional classroom and opening up new opportunities for students and teachers. For many students, especially those in remote areas, developments in cloud, video conferencing, and wireless technology can offer access to classes, subjects, and teachers they might otherwise have never been able to reach.

**Healthcare.** The digitization of hospitals and other healthcare facilities will see a largely paper-based industry transition to more efficient Electronic Medical Records, allowing doctors to access records from anywhere, as well as interact with patients and colleagues. Electronic Medical Records will improve the patient experience, reduce costs for hospitals, and lead to higher quality care around the world.

**Disaster relief.** Innovation in technology is providing new and more effective ways to deal with the impact of a disaster, from improving the way survivors can communicate, to helping emergency services gain precious time and information.

**Drones** can be used to drop off much-needed aid package to isolated areas, and mobile applications can help emergency services respond more quickly and effectively by providing crucial information quickly.

**Farming.** According to the UN Food and Agriculture Organization, we will need to produce 70% more food in 2050 compared to 2006 to support the world's growing population. Farmers and agricultural companies are increasingly using practical farming technologies or "smart farming" solutions – livestock monitoring, equipment testing, soil and weather measurements – to intensify efficiency and productivity in their daily work.

**Make a summary of the text above using your own words:**

**IN YOUR OPINION, WHAT HAS BEEN THE GREATEST TECHNOLOGICAL INVENTION? WHY? HOW HAS IT CONTRIBUTED TO THE WORLD? (4 to 5 lines)**

