



***TEACHERS'  
NOTES AND  
ANSWER  
KEYS***

# ***How to run the scavenger hunt in class:***

How to run it in class:

- Print a team answer worksheet per team (6 teams).
- Print the station pages separately and place them around the room.
- Students bring only the team answer sheet when moving between stations.
- After each station, you validate answers before they move.
- At the end of station 6, class discussion and correction
- Next period, teams gather to write their final decision





# Lab 1

## TASK 1

A secret document describes a new technology. Complete the text with the correct words: devices / cutting-edge / cheap prosthetic limbs / scientists / proliferation/ breakthrough / 3-D printing

Today **scientists** are developing **cutting-edge** technology. New **breakthrough** in 3-D printing is changing saving lives. As a matter of fact, the **proliferation** of **3-D printers** has an unexpected benefit: the **devices** turn out to be perfect for creating and providing **cheap prosthetics limbs** to people who have learned to do without.

## THE SECRET INVENTION

### TASK 2

What is a **PROSTHETIC LIMB**  
(Give a definition in English )  
**EX: An artificial limb that replaces a missing body part, usually because it has been amputated.**

The number of letters in the French word for PROSTHESIS = **PROTHESE** is your first code

**CODE : 8**

# Lab 2

## SOUND LAB

### TASK 1

Circle the words you hear :

data \* privacy \* ethical\* experiment \* weapons  
\* progress \*

Read any 4 of the list including progress as a verb ( /prə'gres/) and as a noun (/ 'prəʊ.gres/). Students must notice the variation in the pronunciation to be able to find the code.

Which word changes stress depending on noun vs verb?

**CODE : PROGRESS**

### TASK 2

Highlight the stress for each word

data \* privacy \* ethical \* experiment \* weapons \*  
progress :

DA-ta /'deɪ.tə/ (or /'dæ.tə/)

PRI-va-cy /'prɪ.və.sɪ/

ex-PER-i-ment (noun & verb) /ɪk'sper.ɪ.mənt/

WEA-pons /'weɪ.pənz/

E-thi-cal /'eθ.ɪ.kəl/

PRO-gress (noun) /'prəʊ.gres/

pro-GRESS (verb) /prə'gres/

# THE SCIENTIFIC SORTING GAME

## Lab 3

### TASK 2

Choose the odd word and justify

### TASK 1

Sort the words into two groups: **BENEFITS** / **RISKS**

innovative / robotics / unemployment / weapons / inequalities / prosthetics

#### SET 1

ethical  
responsible  
moral  
careless (negative  
behaviour)  
legal

#### SET 2

valuable  
overpriced  
costly  
economical ( low price,  
others expensive)  
pricey

#### SET 3

innovation  
experiment  
microscope (object, others are  
actions/concepts)  
discovery

How many words in these sets (tasks 1&2) are NOT adjectives? (Underline words)

ROBOTICS ( noun) : the science of designing and operating robots - oxfordlearners.

**CODE : 8**

# Lab 4

TEACHER VALIDATION REQUIRED

## *situation 1*

Scientists test a new device on animals.

Is this acceptable for scientific research?

## *situation 2*

Doctors create a 3D-printed prosthetic arm for poor countries.

Should governments fund this technology?

# THE ETHICAL DEBATE

Discuss the situations and justify your points using words related to the topic.

## *situation 3*

A company develops robots to replace workers in factories.

Is this ethical? What could be the consequences?

A situation in which a choice has to be made between possibilities that will all have results you do not want is a

**CODE : DILEMMA**

# Lab 5

## ***THE BROKEN SENTENCE MACHINE***

### ***TASK 1***

Reorder the sentences.

- Technology is a double-edged sword.
- Scientists are making great strides in robotics and 3-D printing.
- Some robots can learn from experience and solve complex problems.
- Some companies were trailblazers in innovative technology.
- These state-of-the-art technologies can help mankind.
- But they can also threaten privacy and create unethical behavior.

### ***TASK 2***

Which word or expression from Task 1 means ?

**DERNIER CRI = STATE-  
OF-THE-ART**

How many letters in the answer to task 2?

**CODE : 13**

# Lab 6

## VOCABULARY DETECTIVES

### TASK 1

Translate into French.

- Mankind = **l'humanité**
- Side effect : **effet indésirable**
- Precautionary principle : **principe de précaution**
- Drawback : **inconvénient**

Reorder the letters to find the  
code **RUNNEFORER**

**CODE : FORERUNNER**

### TASK 2

Guess the word from the definition.

1. A machine created  
for a specific task :  
**DEVICE**

3. A scientific  
test :  
**EXPERIMENT**

2. Something morally  
wrong : **UNETHICAL**

4. Money used to  
support a  
project :  
**FUND**

# *Congratulations*

## **Lab 7**

# ***THE FINAL DECISION***



Teams take time to write their paragraphs then share as class

### PARAGRAPH FORMAT

- Topic sentence
- Explanation, Evidence
- Concluding Sentence

