

Summary table and development of the teaching sequence

TARGET AUDIENCE	Length	PERIOD	SCHOOL YEAR	TEACHER
3 rd Graders	1 st Trimester	1 st Trimester	2016-2017	Sònia Arcusa / Belén Pulgarín
SUBJECT		TITLE		
Science		<i>We are inventors!</i>		
LEARNING OBJECTIVES		CORE COMPETENCY	ASSESSMENT CRITERIA	
<ul style="list-style-type: none"> To think of objects that can be improved. To look for different solutions. To justify the invention they design. To create an invention that helps people in their daily life. To describe an invention. To advertise the invention by using technology. To be able to work in groups. 		<p><u>Language domain¹:</u></p> <ul style="list-style-type: none"> Obtener información básica y comprender textos orales, sencillos o adaptados, de la vida cotidiana, de los medios de comunicación y ámbito escolar. Planificar y producir textos orales breves y sencillos adecuados a la situación comunicativa. Aplicar estrategias para obtener información básica y comprender textos escritos sencillos o adaptados a la vida cotidiana, de los medios de 	<ul style="list-style-type: none"> The student, in general, understands the teacher when she speaks L2. The student is able to understand instructions and carry out tasks. The student knows the main vocabulary of the topic. The student produces short texts with scaffolding. The student participates in class. 	

¹ Generalitat de Catalunya (2015). *Competències bàsiques de l'àmbit lingüístic. Llengües estrangeres*. From: <http://ensenyament.gencat.cat/web/.content/home/departament/publicacions/colleccions/competencies-basiques/primaria/prim-linguistic-estrangeres.pdf>

<ul style="list-style-type: none"> • To participate actively. 	<p>comunicación y del ámbito escolar.</p> <ul style="list-style-type: none"> • Producir textos sencillos con adecuación a la situación comunicativa con la ayuda de soportes. <p><u>Science domain²:</u></p> <ul style="list-style-type: none"> • Plantearse preguntas sobre el medio, utilizar estrategias de búsqueda de dadas y analizar los resultados para encontrar respuestas. • Utilizar materiales de manera eficiente con conocimientos científicos y criterios tecnológicos, para resolver situaciones cotidianas. • Diseñar máquinas simples y utilizar aparatos de la vida cotidiana de forma segura y eficiente. 	
--	--	--

² Generalitat de Catalunya (2015). *Competències bàsiques de l'àmbit de coneixement del medi*. From: <http://ensenyament.gencat.cat/web/.content/home/departament/publicacions/colleccions/competencies-basiques/primaria/prim-coneixement-medi.pdf>

ACTIVITIES				
SESSION	ACTIVITY	ORGANISATION	TIMING	MATERIAL
1	Watch a video	Whole class	3 min.	Projector Video: https://www.youtube.com/watch?v=TFIa3FNnFZM
	According to you, what is Science?	Individual	35 min.	Paper, pencils
		Whole class	10 min.	
2	Introduction of the topic	Whole class	45 min.	-PPT 1 -Projector -Video: https://www.youtube.com/watch?v=rSvMbK0x6cA
3	Let's get into groups	Groups of 3	5 min.	-List with the groups
	Roles	Groups of 3	10 min.	-Worksheet 1 (Annex 2)
	Brainstorming on possible inventions	Groups of 3 + Whole class	30 min.	-Video: https://www.youtube.com/watch?v=OO1hUAuBBw0 -Projector -Worksheet 2 (Annex 3)
4	Our invention	Groups of 3	45 min.	-Worksheet 3 (Annex 4)
5	Our invention	Groups of 3	45 min.	-Worksheet 3 (Annex 4)

6	Invention	Groups of 3	45 min.	-Worksheet 3 (Annex 4) -Materials
7	Invention	Groups of 3	45 min.	-Worksheet 3 (Annex 4) -Materials

Date: _____

Members of the group:

LET'S DECIDE OUR ROLE!

Read the different roles. Discuss with your team. Decide who will be the responsible for each role.

ROLE	TASKS	RESPONSIBLE
Secretary	Writes the ideas. Takes care of the material.	
Captain	Talks to the teacher. Makes sure that all the members participate.	
Coordinator	Manages the tone of voice.	

Signatures:

Date: _____

Members of the group:

OUR INVENTION

Complete the following table:

Invention	
Justification	
Consumer	

Materials

Sketch

OUR INVENTION

Name of the inventors	
Invention's name	
Materials	<i>It is made of...</i>
Consumers	
Uses	<i>It is used for...</i>