# ALMUÑÉCAR INTERNATIONAL SCHOOL



# Key Stage 2 - Long Term Plan 2024-25 Year 6 Mr Price

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cross Curricular topic >		Blitz Globe	Iceberg	Ahead	Fore	ensic
Core Texts	ROSE	WILLIAM SWAKESPEARE'S Macheth	SHACKLETON'S JOURNEY	Kensuke's Kingdom	Sage that lasts beyond life  The  Highwayman	
	ROSERIA INSTITUTION IN NETWORK	RETOLD BY TONY BRADMAN	William Golf FLYING EYE BOOKS	MICHAEL MORPURGO	Nighwayman  Afred Neyes  Illustrated by Charles Keeping	

ALMUÑECAR INTERNATIONAL SCHOOL

Year 6 SOW and Assessment Planning Primary 2024-25						
English	Unit 6:8 Stories by significant children's	Unit 6:2 Historical recounts	Unit 6:1 Stories with flashbacks			
(Cambridge Curriculum)	writers.  Examine a variety of genres found in fiction stories.	Read and explore a range of historical recount texts.  Unit 6:4 The Environment	Explore the conventions of standard English, using it in their own writing and in formal and informal spoken communication when conveying their ideas and opinions.			
	Unit 6:7 Plays by a significant writer  Read drama texts from over a hundred years ago, taking a close look at the language used and the impact created.	Examine a range of non-fiction texts about the environment.  Unit 6:5 Nature poetry  Read and discuss poems on the theme of nature that evoke responses in the reader/listener as a result of the style, themes and language used.  Unit 6:9 Advertising  Examine persuasive advertising texts aimed at a variety of audiences.	Unit 6:3 Poetic language  Read and discuss a range of poetry, expressing their own preferences as to style and language, while listening to and commenting on the preferences and ideas of others.  Unit 6:6 Science fiction  Study the genre of science fiction stories			



Year 6 SOW and Assessment Planning Primary 2024-25

## Maths (Cambridge Curriculum)

## Unit 6.1 Number

Unit 6.1 Topic 1 The number system

Unit 6.1 Topic 2 Number patterns

## Unit 6.2 2D and 3D shape

Unit 6.2 Topic 1 Quadrilaterals, circles and area

Unit 6.2 Topic 2 Angles

Unit 6.2 Topic 3 3D shapes, volume and capacity

## Unit 6.3 Calculation

Unit 6.3 Topic 1 Addition and subtraction

Unit 6.3 Topic 2 Multiplication and division

## Ongoing

- Mental Strategies
- Calculation Methods
- Times tables
- Problem Solving

## Unit 6.3 Calculation

Unit 6.3 Topic 1 Addition and subtraction

Unit 6.3 Topic 2 Multiplication and division

## Unit 6.4 Statistical methods

Unit 6.4 Topic 1 Designing the enquiry

Unit 6.4 Topic 2 Presenting and explaining results

Unit 6.4 Topic 3 Using statistical measures

Unit 6.4 Topic 4 The statistical cycle

# Unit 6.5 Fractions, percentages, decimals and proportion

Unit 6.5 Topic 1 Comparing fractions

Unit 6.5 Topic 2 Calculating with fractions

Unit 6.5 Topic 3 Understanding percentage and equivalence

Unit 6.5 Topic 4 Ratio and proportion

## **Ongoing**

- Mental Strategies
- Calculation Methods
- Times tables
- Problem Solving

# Unit 6.5 Fractions, percentages, decimals and proportion

Unit 6.5 Topic 1 Comparing fractions

Unit 6.5 Topic 2 Calculating with fractions

Unit 6.5 Topic 3 Understanding percentage and equivalence

Unit 6.5 Topic 4 Ratio and proportion

## Unit 6.6 The coordinate grid

Unit 6.6 Topic 1 Using coordinates

Unit 6.6 Topic 2 Reflection and rotation

## Unit 6.7 Probability

Unit 6.7 Topic 1 Describing possibilities

Unit 6.7 Topic 2 Conducting tests

## Ongoing

- Mental Strategies
- Calculation Methods
- Times tables
- Problem Solving

## Science (Cambridge Curriculum)

## Unit 6.2 The Human Body

Describe the human respiratory system in terms of oxygen from the air moving into the blood in the lungs and know that many vertebrates have a similar respiratory system.

Describe the human circulatory system in terms of the heart pumping blood through arteries, capillaries and veins, describe its function (limited to transporting oxygen, nutrients and waste) and know that many vertebrates have a similar circulatory system.

Know that some diseases can be caused by infection with viruses, bacteria, parasites or fungi that can be passed from one host to another

Describe how good hygiene can control the spread of diseases transmitted in water, food and body fluids, and describe ways to avoid being bitten by insect vectors.

Know that humans have defence mechanisms against infectious diseases, including skin, stomach acid and mucus.

## Unit 6.4 Electricity and Light

Use diagrams and conventional symbols to represent, make and compare circuits that include cells, switches, lamps and buzzers.

Make simple circuits and compare the brightness of lamps in series and parallel circuits.

## Unit 6.6 Ecosystems

Interpret food webs and identify food chains within them.

Identify the energy source of a food chain/web, and describe how energy is transferred through a food chain/web.

Know that some substances can be toxic and damage living things, and that these substances can move through a food chain/web.

Unit 6.3 Materials and Physical Change
Know that gases have properties including mass.

Know that the temperature at which a substance changes state is a property of the substance.

Describe the difference between boiling and evaporation.

Identify and describe physical changes that are reversible.

OR ET EMP

Know that rocks can be classified as metamorphic, igneous and sedimentary and describe the identifying features of each type of rock.

Describe the rock cycle and the formation of metamorphic, igneous and sedimentary rocks, in terms of solidification, erosion, sedimentation, burial, metamorphism and melting.

## Unit 6.1 Forces

Describe the difference between mass, measured in kilograms (kg), and weight, measured in newtons (N).

Describe the effect of gravity and know that when gravity changes, the weight of an object changes but the mass does not.

Use force diagrams to show the name, size and direction of forces acting on an object.

Describe the effect of different forces on an object at rest and in motion.

Recognise that the mass and shape of an object can affect if it floats or sinks.

Describe the relative position and movement of the planets, the Moon and the Sun in the Solar System.

Unit 6.5 Chemical Change and Mixtures Understand that chemical reactions involve substances, called reactants, interacting to form new substances, called products.

Observe and describe the evidence that a chemical reaction has taken place (limited to a gas being produced, colour change and change in temperature).

Describe how temperature affects solids dissolving in liquids and relate it to the particle model.

Understand that electrical conductivity and thermal conductivity are properties of a substance.Note: The objective here focuses on electrical conductivity.

Understand that electrical conductivity and thermal conductivity are properties of a substance. Note: The objective here focuses on thermal conductivity.

Describe how a ray of light changes direction when it is reflected from a plane mirror.

Describe how a ray of light changes direction when it travels through different mediums and know that this is called refraction.

Observe and describe the changes in the appearance of the Moon over its monthly cycle.

Describe the way fossils can form in sedimentary rocks.

All Units Science Revision

Know that there are different types of soils and they can be classified based on their clay, sand and organic content.

Know that soil composition can change, which can support, or hinder, plant growth.

## Unit 6.7 Human Reproduction

Name the parts of the human reproductive system.

Describe the physical changes that take place during puberty in humans.

#### **Forensics**

Classification systems and keys.



## History

# National Curriculum( NC)

## The Blitz

Establish a broad chronological overview adding depth and detail, remembering key facts and dates and checking for accuracy.

Ask valid questions about the cause and consequences of events

Describe the positive and negative impacts of an individual, event or period of history on modern society.

Appreciate bias in source materials and understand the importance of interpreting source information.

Investigate complex historical periods, presenting conclusions through thoughtful selection and organisation of historical information.

Cause and consequence, and significance of the Second World War.

Methods of historical enquiry and source bias via propaganda.

Declaration of human rights.

## The Globe

Apply historical vocabulary to a range of contexts, time periods and historical concepts.

Note the connections, contrasts and trends over time in two or more periods of history.

Ask valid questions about the cause and consequences of events

## Iceberg ahead

Ask valid questions about the cause and consequences of events

Describe the positive and negative impacts of an individual, event or period of history on modern society.

Appreciate bias in source materials and understand the importance of interpreting source information.

Investigate complex historical periods, presenting conclusions through thoughtful selection and organisation of historical information.

Explain how the lives of significant individuals or significant historical events have contributed to national and international achievements or have impacted our lives today.

Significant events in History: The Titanic

Significant individuals: Robert Falcon Scott

ALMUÑECAR NTERNATIONAL SCHOOL

UCTOR ET EMERGO

#### Forensics

Evolution and inheritance, including DNA, cloning and fingerprints.

Describe the positive and negative impacts of an individual, event or period of history on modern society.

Explain how the lives of significant individuals or significant historical events have contributed to national and international achievements or have impacted our lives today.

Discussion of a range of Shakespearean texts.

Significant individuals: Shakespeare and his birthplace.



# Geography (NC)

## The Globe

Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics and key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; discussing how some of these aspects have changed over time.

Discuss how human activity has impacted on or changed the physical and/or human features of a place over time i.e. types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

## Iceberg ahead

Describe the environmental regions, key physical and human characteristics, countries, and major cities of Europe, North and South America.

Explain how time zones (including day and night) affect the human and physical geography of a place.

Appreciate the geographical similarities and differences of different places and how the physical and human geography of places affect how people live.

Evaluate the effect of commercial activity on the environment and consider ways to sustain or improve the environment.

Discuss how human activity has impacted on or changed the physical and/or human features of a place over time i.e. types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Explain the impact of climate zones, biomes and vegetation belts on the physical environment.

Use maps, atlases, globes and digital/computer mapping to locate countries and describe their geographical features.

Use four and six-figure grid references, symbols and keys to accurately identify and locate geographical features.

## Digital Dragon's Den

The role of charities

Charitable materials, e.g advertisements, posters, leaflets, logos etc.

# D&T (NC) Building Use research and develop design criteria. Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. Evaluate their ideas and products against their own design criteria.



Year 6 SOW and Ass	The Bli
	Identif contras
	Mix and light ef
	The Glo
	Use dry
	Experin marks,
	Use sim
	Use dif

## itz

fy primary, secondary, complementary and sting colours.

d match colours to create atmosphere and ffects.

### obe

y media to make different marks, lines, ns and shapes within a drawing.

ment with wet media to make different lines, patterns, textures and shapes.

nple rules of perspective when drawing gs and figures.

fferent techniques for different purposes ding or hatching within their own work.

Communication of ideas through sketches and diagrams e.g. set design

## Iceberg ahead

Create sketch books to record their observations.

Carry out preliminary studies, trying out diff-e rent media and materials and mixing appropr-ia te colours.

Use sketch books to review and revisit ideas. identifying how ideas have changed and improved over time.

Develop painting techniques considering the specific genre and effect e.g. brush strokes, colour choice, building up texture and choice of paint.

Develop an awareness of composition, scale and proportion in their paintings e.g. foreground, middle ground and background.

Show an awareness of how drawings are created e.g. composition.

To generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces

Music (NC)	Rhythm	Rhythm	Rhythm	Rhythm	Rhythm	Rhythm
	Prepare, present and	Prepare, present and	Prepare, present and	Prepare, present and	Prepare, present and	Prepare, present and
	practice:	practice:	practice:	practice:	practice:	practice:
	· beat	· beat	· beat	· beat	· beat	• beat
	· quarter note	· quarter note	· quarter note	· quarter note	· quarter note	· quarter note
	· eighth notes	· eighth notes	· eighth notes	· eighth notes	· eighth notes	· eighth notes
	· ligature	· ligature	· ligature	· ligature	· ligature	· ligature
	· half note	· half note	· half note	· half note	· half note	· half note
	· accent	· accent	• accent	• accent	· accent	· accent
	<ul> <li>syncopated rhythm</li> </ul>	·syncopated rhyth <mark>m</mark>	<ul> <li>syncopated rhythm</li> </ul>	<ul> <li>syncopated rhythm</li> </ul>	<ul> <li>syncopated rhythm</li> </ul>	<ul> <li>syncopated rhythm</li> </ul>
	• time signature - 3/4	• time signature - 3 <mark>/4</mark>	• time signature - 3/4	• time si <mark>gn</mark> ature - 3/4	• time signature - 3/4	• time signature - 3/4
	· dotted half note	· dotted half note	· dotted half note	· dotted <mark>h</mark> alf note	· dotted half note	· dotted half note
	· quarter note rest	· quarter note rest	· quarter note rest	· quarte <mark>r n</mark> ote rest	· quarter note rest	· quarter note rest
	· sixteenth notes	· sixteenth notes	<ul> <li>sixteenth notes</li> </ul>	·sixtee <mark>nt</mark> h notes	· sixteenth notes	· sixteenth notes
	· ligature	· ligature	· ligature	· ligatur <mark>e</mark>	· ligature	· ligature
	· tie/slur	· tie/slur	· tie/slur	· tie/slu <mark>r</mark>	· tie/slur	· tie/slur
			• time <mark>signature - 6/8</mark>	*		
	Melody	Melody	• time signature - 5/4	Melody	Melody	Melody
	• Present: d m s d', ls	• Present: major sc <mark>ale</mark>		• Practice: I,t,d mf It,	• Practice: s,l,drm C	• Practice: s,l,drm C
	m, s, l, t d, drmfs, drm	• Practice: d m s d', <mark>s</mark> ,	Melody	drm's d' <mark>, d</mark> rm sl d' and	scale	scale
	• Practice: drm sl,s,l,	drm	<ul> <li>Practice: drmfs</li> </ul>	C scale		
	drm s l,td,drmfs	· C scale G scale	• Practice: drm sl, s,		Other	Other
	• Prepare: major scale		drm COR ET EMP	Other	· maypole dance	· movement
		Other	Other	•tempo terms	· create new words	
	Other	· major scale	• Rossini	· dynamics		Instruments
	• high/low,	· legato	• jazz	·diminution/augmenta	Instruments	· Orff arrangements
	· loud/soft	• Present: ties	· jazz -scatlUNECAR	tion	· Orff arrangements	· unpitched
	· fast/ slow		NTERNATIONAL SC	conducting 2/4,	· unpitched	· Instrument Bingo
	• 12 bar blues	Instruments	Instruments	3/4, 4/4	· Boomwhackers®	
	· tempo terms	· Orff arrangements	· Orff arrangements	· tempo		Themes
	· verse- chorus	· unpitched	· unpitched	· create verses	Themes	• patriotic music
	· legato	<ul> <li>woodwind</li> </ul>	· sound effects		Renaissance music	<ul> <li>Texas folk song</li> </ul>

• d	ynamics	• brass	· Boomwhackers®	Instruments	· May Day	
• +1	heme and variations		·string family	· Orff arrangements	• Trinidad	
		Themes		• unpitched		
	Instruments	· peace	Themes			
· c	Orff arrangements	• winter	· healthy habits	Themes		
· u	npitched	<ul> <li>Jamaican</li> </ul>	· Black History	• Australia		
· p	ercussion family	· Hebrew	· Lunar New Years	• Africa		
		• Spanish Christmas		· Irish music		
	Themes	• Christma <b>s</b>		·Hebrew		
• f	un song			<ul><li>French</li><li>Carmen by Bizet</li></ul>		
· no	ames			· Bizet's Dream		
· c	Caribbean			· Renaissance music		
. τ	hanksgiving					
• 5	pooky songs					



(INC)
Switched
On
Computing
Scheme -
published
by Rising
Stars and
following
EDUU
Scheme.

Computing (NC)

The order of delivery may change during the year.

## We Are Computational Thinkers (Iceberg Ahead)

Mastering algorithms for searching, sorting and maths

## In this unit, pupils will learn to:

- develop the ability to reason logically about algorithms
- understand how some key algorithms can be expressed as programs
- understand that some algorithms are more efficient than others for the same problem
- understand common algorithms for searching and sorting a list.

## Resources:

Google Maps, Scratch, Google Workspace -Classroom, Docs, Slides

# We Are Connected (Forensic)

Developing skills for social media

# In this unit, pupils will learn:

- about appropriate rules or guidelines for a civil online discussion
- how search results are selected and ranked
- how to argue their point effectively, supporting their views with sources
- how to counter someone else's argument while showing respect and tolerance
- how to judge the reliability of an online source
- some strategies for dealing with online bullying.

## Resources:

Purple Mash 2Blog, Google Workspace -Classroom, Docs, Slides

## We Are AI Developers (Mozart Mashup)

Learning about artificial intelligence and machine learning

# In this unit, pupils will learn:

- how decision trees can be trained automatically to classify data
- how speech recognition works
- how a neural net recognises images
- to train a neural net to classify images
- to train a machine learning system to identify sentiments
- to consider some ethical principles in designing AI systems.

# Resources:

Scratch, Audio recording software Google Workspace -Classroom, Docs, Slides, Chrome

# We Are Publishers (The Globe)

Creating a yearbook or magazine

## In this unit, pupils will learn to:

- manage or contribute to large collaborative projects, facilitated using online tools
- write and review content
- source digital media while demonstrating safe, respectful and responsible use
- design and produce a high-quality print document.

## Resources:

SCHOOL

Google Workspace -Classroom, Docs, Slides

## We Are Toy Makers (The Blitz) Coding and Physical computing

In this unit, pupils will learn:

- how computers use stored programs to connect input to output
- how to generate and evaluate designs in response to a brief
- to plan a complex project by decomposing it into smaller parts
- to work with physical components of a system
- how to design and write a program for an
- embedded systemto use criteria to
- provide others with feedback on their work.

## Resources:

Scratch, Mind mapping software, Google Workspace -Classroom, Docs, Slides We Are Advertisers (Digital Dragons Den) Creating a short TV advert

# In this unit, pupils will learn to:

- think critically about how video is used to promote a cause
- storyboard an effective advert for a cause
- work collaboratively to shoot original footage and source additional content
- acknowledge intellectual property rights
- work collaboratively to edit the assembled content to make an effective advert.

## Resources:

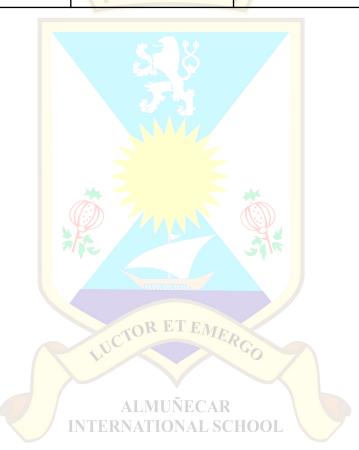
Google Workspace -Classroom, Docs, Slides, Chrome Cameras, tablets

Year 6 SOW and Assessment Planning Primary 2024-25

PE (NC)	Football	Basketball	Hockey / Fitness	Gymnastics	Athletics	Rounders
	Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.  Use running, jumping, throwing and catching in isolation and in combination.	Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.  Use running, jumping, throwing and catching in isolation and in combination.	Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.  Use running, jumping, throwing and catching in isolation and in combination.	Perform dances using a range of movement patterns.  Develop flexibility, strength, technique, control and balance.	Develop flexibility, strength, technique, control and balance	Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.
PSHE - linked to the 5 R's	Readiness	Respect	ALMUÑECAR INTERNATIONAL SO		Relationships	

Year 6 SOW and Asse	essment Planning Primary 2024-25					
Spanish	UNIDADES:	CONCEPTOS:	UNIDADES:	CONCEPTOS:	UNIDADES:	CONCEPTOS:
Culltura	1) Cuidamos nuestro entorno natural.	-¿Cómo se organiza el relieve de la Península?	3) Vivimos en democracia.	-Los principios de la democracia.	5) Descubrimos la Edad Media.	-¿Cómo comenzó la Edad Media?
	'	1	, and the second	' '	'	
		-El clima de montaña.	NTERNATIONAL SC	-Los trabajos del sector primario. -Los trabajos del sector secundario.		-El siglo XVIII, una nueva época.

-Los tr	trabajos del	-El legado de la Edad
sector	r servicios.	Moderna.
90000000000000000000000000000000000000	>	
(v. (v) (v)		



	ssessment Planning Primary 2024-25	COMPETENCIA	LINTO ADEC:	COMPETENCIA	LINTO ANCC:	COMPETENCE
Spanish .	UNIDADES:		UNIDADES:		UNIDADES:	COMPETENCIA
Lengua	1) Cuidamos los mares.	LECTORA:	5) ¿Cómo es tu	LECTORA:	9) ¿Qué quieres ser?	LECTORA:
	2) ¿Para qué vamos al	-Cuando las sardinas	localidad?	-El Pasaje de la Oca.	10) ¿Qué comemos?	-Noche de lluvia y
	colegio?	pidieron vacaciones.	6) ¿Qué deporte	-Biografía de Junko	11) iQué valiente!	truenos.
	3) iNo es justo!	-Dos noticias sobre	haces?	Tabei.	12) ¿De dónde eres?	-Pon más héroes en tu
	4) ¿Respetamos a los	libros.	7) ¿Te gusta la música?	-Los mejores violines.		plato.
	animales?	-Una solución justa.	8) ¿Protegemos la	-El parque de		-El ovillo de Ariadna.
		-La trufa canina.	naturaleza?	Yellowstone.		-Discurso sobre la
		VOCABULARIO:	201 A (1) (1)	VOCABULARIO:		diversidad.
			3 8			VOCABULARIO:
		-Sinónimos y antónimos.		-Palabra <mark>s</mark> primitivas y derivadas.		
		-Palabras simples y		, , , , , , , , , , , , , , , , , , , ,		-Principales sufijos. -Campo semántico y
		compuestas.		-Princip <mark>ale</mark> s prefijos.		campo léxico.
		compuestus.		ORTOGRAFÍA:		campo lexico.
		ORTOGRAFÍA:		-Palabras con II.		ORTOGRAFÍA:
		-Uso de las	* -	-Palabras con cc.		-Palabras terminadas
		mayúsculas.		-Palabras con h.		en z o en d.
		-Normas generales de		-Palabras con h		-Los dos puntos.
		acentuación.		intercalada.		-La coma y el punto y
		-Acentuación de	Annun mun	mior salada.		coma.
		diptongos y triptongos.		GRAMÁTICA:		-Otros signos de
		-Acentuación de	UCTOR ET EME	-Demostrativos y		puntuación.
		hiatos.	UCIO	posesivos.		
			,	-Numerales e		GRAMÁTICA:
		GRAMÁTICA:		indefinidos.		-Los tiempos verbales.
		-La palabra. Clases y	ALMUÑECAR	-Los pronombres		-Clases de verbos.
		estructura.	INTERNATIONAL SC	personales.		-Los adverbios.
		-Los determinantes. El		-El verbo. Raíz y		-Preposiciones y
		artículo.		desinencia.		conjunciones.
	I .	1	1	1	L	L

Year 6 SOW and Asse	ssment Planning Primary 2024-25			
	-El sustantivo y el		LITERATURA:	LITERATURA:
	adjetivo.		-Suena bien.	-Formas poéticas.
	-El sintagma nomina	al.	-A su medida.	-Un lenguaje especial.
	LITERATURA:	2000	3	
	-El arte de las	VOICOT FOR	65/	
	palabras.			
	-Un sentimiento en			
	verso.			
Opportuniti		《 2 义		Alua Residential Trip
es for				
Possible				
Visits				

ALMUÑECAR INTERNATIONAL SCHOOL