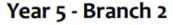
Year 5 – Autumn 2 Knowledge Organisers

R.E.



Prophecy & Promise



Big Question: How does God's promise to David help Christians understand who Jesus is and how we can pray and reflect on His life today?

Key Vocabulary	
Advent	
Anointing	
Antiphon	
David	
Psalm	
Samuel	

Scripture

- 1 Samuel 16:1-13: anointing of David (a great king)
- 1 Samuel 17:1-11, 32-54: David and Goliath
- 2 Samuel 5:1-5: David becomes king

- 2 Samuel 5:1-5: David becomes king
- 2 Samuel 7: 8-15 God's covenant with David
- 1 Kings 2:1-4, 10-12: David's death

Psalm 21, 23



What will we learn?

Show an understanding of scripture passages that speak of David's life, recognising the intended audience and the historical context.

Show an understanding of some gospel passages that present Jesus as the fulfilment of the promise to David (Matt 1:1-17; Lk 1:32-33), recognising the gospel writers are writing for Christians. Recognise links with God's covenant with Abraham.

Use specialist vocabulary to describe and explain the nature of David's kingship in the Old Testament, with reference to the passages that speak of David's kingship and Psalm 21:1-7.

Recognise that David is a model of prayer, referencing one of the psalms.

Know that the Rosary is a prayerful reflection on the life of Christ and explain what the joyful mysteries remember.

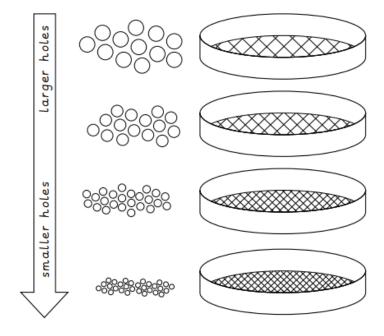


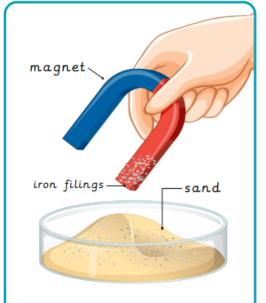
Science

Mixtures and separation

Mixtures: a **mixture** forms when two or more substances are mixed and remain present. The different parts of a mixture can be separated. Some examples are air, sand, gunpowder, fizzy drinks, soil and seawater.

Sieving: used to separate mixtures of solids which are different sizes, such as soil. A series of **sieves** with increasingly small holes separate out the particles from largest to smallest.





Magnets: used to separate mixtures of solids where the particles are similar sizes (so sieving is not practical) and one of the substances is magnetic, such as iron.



Filtering: used to separate mixtures containing a liquid and undissolved solids, such as sand and water. The mixture passes through a filter or filter paper. The gaps in the filter are small enough to let the liquid through but not the solid.

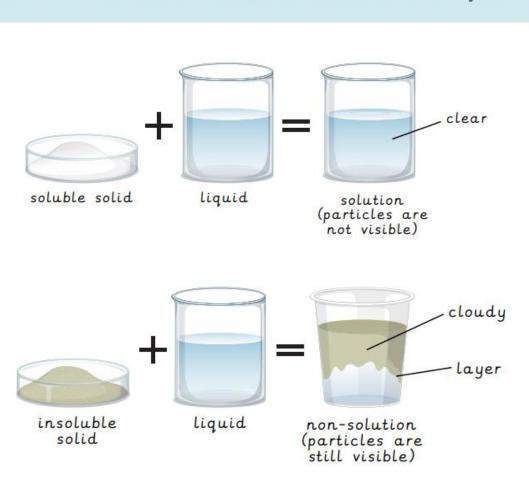




Mixtures and separation

Science

Solutions: some substances can dissolve in a liquid to make a solution. Dissolving is when a substance spreads evenly throughout a liquid. Some examples of substances that are soluble (will dissolve) in water are: salt, sugar and tea. Some examples of substances that are insoluble (will not dissolve) in water are: sand and flour.



Factors affecting dissolving:

- Stirring decreases the time taken to dissolve.
- Smaller pieces of the soluble solid (e.g. loose sugar granules) will dissolve faster than larger pieces (e.g. a sugar cube).
- If the liquid is warmer, the solid will dissolve faster.
- Some solids are more soluble than others. For example, sugar is more soluble in water than salt and will dissolve faster.
- If a solid will not dissolve in water, it may dissolve in another liquid, such as alcohol.



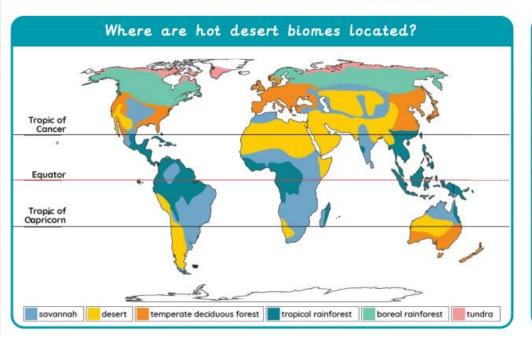
Evaporation: separates solutions. The solution is heated until the liquid evaporates. The dissolved substance will **crystallise** as the liquid **evaporates**. Salt flats form because of evaporation.

Would you like to live in the desert?

Subject skills: locate identify investigate explore compare observe and record collect data evaluate



Geography

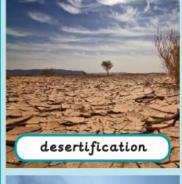




A hot desert biome is hot, dry and arid, although temperatures can drop at night and occasional heavy downpours can occur.

Threats and dangers:







How do people use the Mojave Desert?

- Protecting areas of natural beauty in national parks.
- Recreational purposes like hiking or quad biking.
- Ranching and farming.
- · Military bases and training.
- · Mining precious minerals.
- Generating renewable energy.
- Living in settlements.





Would you like to live in the desert?



Geography

arid	Too little rain to support lots of vegetation.
barren	Land that cannot grow vegetation.
biome	An area of the world with a similar climate and landscape, where similar plants and animals live.
climate	Long-term weather conditions in a specific region.
desert	Any stretch of land with little to no rainfall and extremely sparse vegetation and wildlife.
mining	The process of digging up valuable minerals from the Earth's crust.
rainfall	The amount of rain falling in a place over a particular time.
ranching	Keeping animals on a large farm, particularly in the Americas.
renewable energy	Energy generated from a continuous source, such as wind or water.

Physical features in the Mojave Desert:













Subject Skills: Plan, design, make and construct, evaluate, compare



Nutritional value helps us understand how healthy a food is. Nutrition information on food labels can help us make better choices for our bodies by showing us the amounts of nutrients like fibre, protein and sugar.

Cross-contamination is when harmful bacteria from one food get onto another. To prevent it, use different coloured chopping boards for different types of food.

Red - raw meat

Blue - raw fish

Yellow - cooked meat

Green - salad and fruit

Brown - root vegetables

White - bakery and dairy



Spaghetti bolognese is a popular dish that can be adapted in many ways. Adapting and developing the recipe by adding, substituting and removing ingredients can ensure that it suits dietary needs and tastes.



Taste testing



Juicing



Snipping



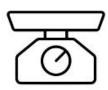
Grating



Mixing



Cutting



Measuring





E Kapow

Subject Skills: Plan, design, make and construct, evaluate, compare

adaptation	The process of changing something.
cook	To prepare food by heating it.
cross-contamination	When something harmful spreads from one food to another.
farm	To grow crops or keep animals as a business.
hygiene	Keeping things clean to prevent illness.
ingredients	The foods a recipe is made from.
label	Something that provides information about the product it is attached to.
nutrient	Substances that help living things stay healthy and grow.
nutritional value	The nutrients a food or recipe provides.
process	A series of actions.



Farmers rear cows.

The cows are killed and the meat matures.



The meat is processed and packaged.



The food is transported to shops.



Customers buy beef products.



The food is consumed.

Ac Go

Computing

Year 5 - Online safety

Subject Skills: problem solve, digitally literate, responsible, purposeful, sequence

арр	The shortened word for application is a type of computer program typically found on smart phones and tablets.
bullying	The deliberate act of harming, intimidating or threatening someone else to cause them physcial or emotional distress.
health	The mental and physical condition of a person or living thing.
judgement	To come to a sensible conclusion about a matter or a person.
memes	An image or video visual with some usually humerous writing added to it.
online communication	The way people communicate (share and recieve information) with each other over a computer networks, such as the internet.
permission	The action of allowing something to happen.
well-being	The state of mind, health and happiness.

A strong password contains the following:



Key facts



Apps require our permission for things such as accessing location or photo library.

It is important to know where there settings are.



Any form of online communication can be misintepreted. Text may be misread and emojis or memes could be misunderstood .











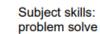


Technology can have both positive and negative effects on



https://www.childline.org.uk/

https://www.nspcc.org.uk/



digitally literate

responsible purposeful

sequence



Computing

Debug	To find and fix errors in code.
Genre	A category of films with similar styles and themes.
Input	Information sent to a computer or program from a device, like a keyboard or mouse.
Loop	A repeated sequence of instructions.
Nested loop	A loop inside another loop, used to repeat actions multiple times within a larger repeated action.
Output	Information sent from a computer or program to a device, like a monitor or speakers.
Pitch	How high or low a sound is.
Program	A set of instructions that a computer follows.
Remixing	Changing and improving an existing project to make it your own.
Repeat	To do something again multiple times.
Rhythm	The pattern of long and short notes.
Tempo	The speed of the music (fast or slow).
Soundtrack	The music and sounds that go with a movie, game or story.

Computing - Programming: Music

Creating a soundtrack in Scratch This note This is the The tempo can be input to sets how fast start the or slow the changed to different music will program. pitches. play. set tempo to 90 Play note 60 for 0.25 beats Play note 62 for 0.25 beats play drum (2) Bass drum v for 0.25 beats Play note 64 for 0.25 beats play drum (1) Snare Drum v for 0.25 beats Play note 67 for 0.25 beats play drum (2) Bass drum v for 0.5 beats Play note 64 for 0.25 beat play drum (5) Open Hi-Hat ▼ for 0.25 beats Play note 62 for 0.25 beats play drum (2) Bass drum 🔻 for (0.25) beats Play note 61 for 1 beats play drum (1) Snare Drum T for 0.25 beats play drum (6) Closed Hi-Hat v for 0.25 be This is The forever block repeats the how long This is the blocks inside it the note type of continuously plays. drum that until the program has been is stopped. selected.

PSHE

PSHE KNOWLEDGE ORGANISER

Celebrating Differences

I can understand how cultural differences can sometimes cause conflict

I can recognise what racism is

Key Learning

I can share thoughts and ideas about how rumour-spreading and name-calling can be bullying behaviours

I can explain the difference between direct and indirect bullying

I can compare my life with people in the developing world

I can respect different cultures from my own



Key Vocabulary

Key Questions

Accepting

Culture Name-calling

Conflict Racist

Belong Banter

Racism Homophobic

Colour Cyber-bullying

Race Texting

Discrimination Indirect / direct

Bullying Developing World

Rumour Skills: Discuss Empathise Listen to Others Sensitive Brave

What is our culture?

Can people with different cultures be friends?

How can differences in culture cause conflict?

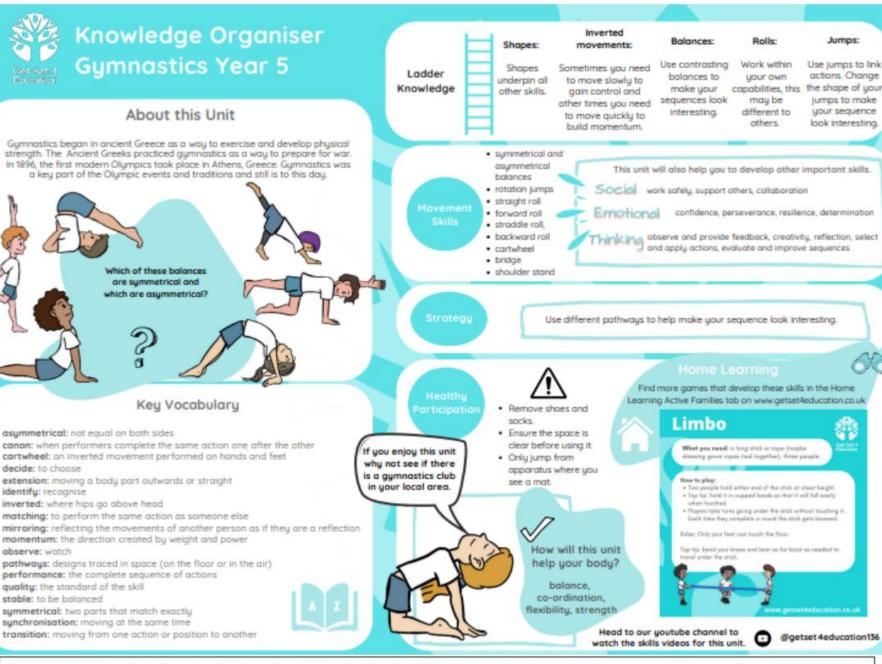
What is racism? Why is racism unfair? What are your feelings about racism?

How can bullying affect how a person feels about themselves? Is this fair?

Is money more important than happiness?

What can we do to help people who are less fortunate than us?

Understanding Share Thoughts and Ideas Respect Honesty



Jumps:

Use jumps to link

actions. Change

the shape of your

jumps to make

your sequence

look interesting.

Skills: Compete Physical Sportsmanship Transferable skills Improve Persevere





Knowledge Organiser Netball Year 5 and Year 6

About this Unit

Netball is an invasion game. An invasion game is a game where two teams play against each other. You invade (enter) the other team's space to try to score goals.



Invasion Games Key Principles

attacking	defending
score goals	stop goals
create space	4
maintain	deny space
possession	gain
move the ball towards goal	possession



GS and GA: Anywhere in their own shooting goal third and the centre third, but not the other goal third.

GS and GA are allowed to shoot from within the shooting semi circle.



Everywhere

except in the

semi circles.

C takes the

centre pass to

start the game

and every

other centre.

Anywhere in their opponents shooting goal third, the centre third, but not the other goal third. GD and GK tru to stop the GS and

GA from scoring. A netball court is split into thirds and different positions have different roles and are allowed in different areas of the court. In official netball, there are seven players in each team. In this unit, games will be played with five players per team.

- · GS: Goal Shooter
- · GA: Goal Attack
- · C: Centre
- · GD: Goal Defence

· GK: Goal Keeper

Can you think of any other invasion games that share these principles?



Key Vocabulary

abide: act in accordance with the rules

angle: formed when two lines come together at a shared point e.g. arm to floor

assess: make a judgement of the situation

ball carrier: person in possession

ball side: the space between the ball carrier and the person you are marking

close down: to reduce the amount of space for an opponent

contest; an event in which people compete

definite: clear

dominant: preferred side

draw: encourage movement of an opponent

drive: a fast movement that helps to tell the ball carrier that you want the ball

extend: to make longer maintain: to keep

rebound: when a player attempts to shoot a goal but the ball hits the ring and

bounces back into play

umpire: a person who makes sure the rules are followed

Sending & receiving:

Year 5: not having a defender between you and the ball carrier helps you to send and receive with better control.

Year 6: making quick decisions about when, how and who to pass to will help you to maintain possession.

Space:

Year 5: moving to space even if you do not receive the ball will help to create space for a teammate.

Year 6: transitioning quickly between attack and defence will help your team to maintain or gain possession.

Ladder

Knowledge

throw

catch

- change direction

- shoot

This unit will also help you to develop other important skills.

Social communication, collaboration, respect

change speed ____ Emotional honesty and fair play, pride, empathise, persevere

Thinking select and apply, decision making, comprehension

- . Footwork: first foot to touch the ground when receiving a ball is the landing foot. The landing foot must remain on the ground, the other foot may be moved in any direction, pivoting on the landing foot.
- Held balk a player has 4 seconds to pass or shoot. . Replaying: a player cannot regain possession of the ball, having
- dropped or thrown it, before it has been touched by another player
- . Offside: a player is offside if they enter an area of the court they are not allowed in.
- . Over a third: the ball must be touched in each third of the court. If the ball is not touched in each area it is called 'over a third'.
- Contact: If a player contacts another player.
- . Obstruction: defenders are allowed one jump to mark the ball and must be 1m from the ball carrier

Free pass is awarded to the non-offending team if the faotwork, held ball, replay, offside or over a third rules are broken. The offending player is not out of play.

A penalty pass or shot (if these rules are broken within the shooting circle) is awarded to the nonoffending team if the obstruction or contact rules are broken. The offending player is out of play and stands by the side of the player taking the

Using tactics will help your team to maintain possession and score goals or deny space, gain possession and stop goals. There are attacking and defending tactics and these will change depending on the situation, the opposition and the desired outcome.

If you enjoy this unit

why not see if there

is a netball club in

your local area.

· Make sure any unused equipment is stored in a safe place.

How will this unit

help your body?

agility, balance,

co-ordination, speed,

stamina

Learning Active Families tab on www.getset4education.co.uk **Dodge the Defender**

What you need: A chair and a ball or pair of socks, one or two players.

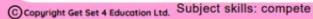
Find more games that develop these skills in the Home



How to play:

- · Imagine the chair is a defender that you need to move around. Keep facing forward as you move your feet around the chair. Work for 20 seconds in one direction and then 20 seconds in the other direction. Repeat x 5.
- Move around the chair for 50 seconds, change direction when your partner calls 'change'.
- · Add in a ball. Either throw the ball around to chair by yourself and move your feet to collect it or have someone throw the ball to space around the chair for you to collect.
- . Work for ten throws then rest and repeat x 4

www.getset4education.co.uk



physical

sportsmanship

transferable skills

Head to our youtube channel to watch the skills videos for this unit. improve persevere







Knowledge Organiser Swimming Year 5 and Year 6

About this Unit

Swimming is a very important life skill. In this unit you will learn to:

- swim competently and confidently over a distance of at least 25 metres
- use a range of strokes effectively e.g. front crawl, backstroke and breaststroke
- perform safe self-rescue in different water-based situations.



Did you know...



Gertrude didn't learn how to swim until she was 9, but by the age of 17 she won a gold and a bronze medal at the 1924 Paris Olympics. At the age of 19, she became the first woman to swim across the English Channel. She had been told that a woman would not be able to swim that far, but not only did she swim that far, she also beat the previous record by two hours.

Key Vocabulary

afloat: floating on water

buoyant: when an object floats in water conserve: to protect something continuously: without gaps

dolphin kick: used for the butterfly stroke, created by a whipping motion

with the legs

endurance: ability to keep going

exhale: to breathe out flexed: bent

flutter kick: a kick used in crawl and backstroke in which the leas are extended straight back and alternately

moved up and down huddle: a position for two or more people floating in cold water wearing life jackets and awaiting rescue

inhale: breathe in

buoyancy: how able an object is to float motion: process of moving

outstretched: extended

personal best: a target outcome of an

propel: to move forward retrieve: to collect rotate: turn

somersault: to rotate 360° ground a

horizontal point

streamline: the position you get your body in to flow through the water easily stroke: the style of swimming, there are four competitive strokes: butterfly, backstroke, breaststroke, freestule synchronised: when performers

complete the same action at the same

technique: the action used correctly treading water: a survival technique used to keep the head above the water

Strokes: Year 5: pulling harder

through the water will enable you to travel the distance in fewer strokes and travel faster.

Year 6: making your body streamline helps you to glide through the water

Breathing:

Year 5: breathing every three strokes helps to balance your stroke and allows me you to practise breathing on both sides.

Year 6: the more you practice your breathing in the water, the more your heart and lungs can work effectively and aid your Year 6: there are different survival muscles with the ability to utilise oxygen when swimming.

Water safetu:

Year 5: a group of people can huddle together to conserve body heat, support each other and provide a larger target for rescuers.

techniques to use for different situations.

Movement

Skills

Ladder

Knowledge

- rotation scull
- · tread water glide
- front crawl
- backstroke breaststroke
- · surface dives
- floor
- · huddle and HEL position

This unit will also help you to develop other important skills.

Social support others, work safely, inclusion, communication, collaboration

Emotional determination, work fairly, honesty, confidence, perseverance

comprehension, creativity, make decisions, tactics

1. Stop and think, always swim in a safe place

When swimming outdoors preferably swim at a lifeguard beach, organised session or a supervised space.

2. Stay together, always swim with an adult

When swimming outdoors you must always stay together. NEVER go alone.

Rules

If you fall into the water unexpectedly - float on your back until you can control your breathing. Then, either call for help or swim to safety.

If you see someone in trouble, tell someone or go to the negrest telephone and dial 999.

Healthu Participation



- · Always swim with an adult.
- · Wait for a qualified lifequard before entering the water

If you enjoy this unit why not see if there is a swimming club in your local area.



balance. co-ordination, flexibility, speed, stamina, strength



Find more games that develop these skills in the Home Learning Active Families tab on www.getset4education.co.uk

Splash Tag



What you need: a swimming pool with a lifeguard, a supervising adult, 2 player or more

How to play:

- . One player begins as the tagger.
- . The tagger tries to tag the other players by spliashing
- . If a player gets splashed, they become the new tagger.

Top tip: swim underwater to avoid the splashes.

Playing with more than two players? Try swimming in other



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transferable skills

persevere

physical

Subject skills: compete

Copuright Get Set 4 Education Ltd.

Vocabulary and pictures

Subject skills: read write

listen speak

pronounce

appreciate culture



French



Mercure

Mercury



Vénus

Venus



la Terre

the Earth



Mars

Mars



Jupiter

Jupiter



Saturne

Saturn



Uranus

Uranus



Neptune

Neptune



Pluton

Pluto



le Soleil

the Sun



la Lune

the Moon

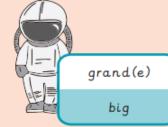


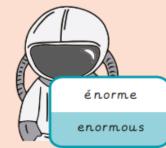
une étoile

a star







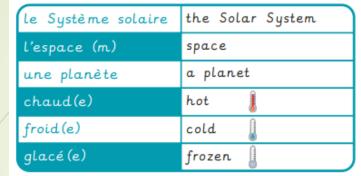


(French - Space exploration)

Sentence structure and phrases



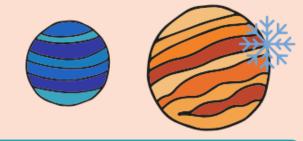
French



Descriptions

Neptune est une assez grande planète bleue.

Neptune is a quite large blue planet.



Jupiter est une énorme planète très froide.

Jupiter is an enormous, very cold planet.

très

very

assez

quite

Descriptions and metaphors

The size adjective comes before the noun, and the colour adjective after the noun.



La Lune est une grande banane jaune.

La Terre est un petit bébé bleu et vert.

The Moon is a big yellow banana.

The Earth is a small blue and green baby.



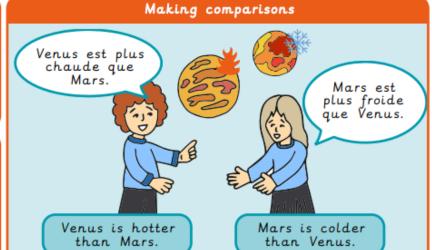
et - and

est - is

de + le = du

Saturne est loin **du** Soleil.

Saturn is far from the Sun.



French



100 High Frequency French Words



aller to go
après after
assez quite
au revoir
goodbye au/à la/à l'/aux
at the/to the
today aussi
also avant
before avec
with avoir
to have
lots/a lot bonjour
hello c'est

it is

c'était it was
ic was
çα
that
triut
ça va ?
how are you?
ce sera
it will be
it will be
chez moi
at my house/
at home
combien
how much/many
comme
like/as
comment
how
dans
in
de
from/of
du/de la/
de l'/des
some
demain
tomorrow

Hign F	requen
elle	ils
she	they (m. pl.)
elles	je/j'
they (f. pl.)	I
en plus	j'adore
furthermore/	I love
what's more	j'ai
est	I have
is	j'ai ans
et	I am years old
and	j'aime
être	I like
to be	j'habite
et toi ?	I live
and you?	je déteste
grand/grande	I hate
big/tall	je joue
hier	I play
yesterday	je m'appelle
il	I am called
he	je mange
ilyα	I eat
there is/are	je n'aime pas
il/elle s'appelle	I don't like
he/she is called	je parle
	Je parte

I speak

9	
pense que	manger
think that	to eat
je porte	merci
I wear	thank you
je préfère	moi
I prefer	me
je suis	moins
I am	less
je vais	mon/ma/mes
I go	my
e voudrais	Monsieur
would like	Mr./sir
jouer	non
to play	no
là-bas	nous
over) there	we
e/la/l'/les	ou
the	or
ma ville	où
my town	where
Madame	oui
Irs./madam	yes
ademoiselle	parce que
Miss	because
mais	petit/petite
but	small/short

plus more
pourquoi why
quand when
que that
quel/quelle which
qui who
quoi what
regarder to watch
s'il te/vous plaît please
salut hi
si if
son/sa/ses his/her
sont are

sous under
sur on
très very
tu you (sing. informal)
tu as you have
tu es you are
un peu a little
un/une a/an
vous you (pl/ sing. formal)
voici here is/are
voilà there it is/ there you go



Knowledge Organiser – Classroom Jazz 1 – Year 5, Unit 2



1 - Listen & Appraise: The Three Note Bossa & Five Note Swing

Structure (Three note Bossa): Intro tune, lead tune, lead repeated, improvisation, lead repeated.

Structure (Five note Swing): 8-bar intro, the same 8 bar tune repeated, middle 8, head, head repeated.

Instruments/voices you can hear: Piano, bass, drums, glockenspiel

2 – Musical Activities using glocks and/or recorders

Play instrumental partswith the music by ear using the notes G, A + B and D, E, G, A + B.

Improvise in a Bossa Nova style using the notes G, A + B.

Improvise in a swing style using the notes D, E, G, A + B.

Did you play both? Which notes did you use?

3 - Perform & Share

Decide how your class will introduce the performance. Perhaps add some choreography? Tell your audience how you learnt this song and why. Record the performance and talk about it afterwards.

The performance will include one or more of the following:

Improvisations • Instrumental performances



About this Unit

Themes: Jazz and improvisation, and Swing.

Facts/info:

- Bossa Nova originated in South America.
- Swing became popular in the 1940s.

Listen to 4 other bossa nova or swing pieces:

- Desafinado by Stan Getz (swing)
- Cotton Tail by Ben Webster
- 5 Note Swing by Ian Gray
- Perdido by Woody Herman

Vocabulary: Appraising, Bossa Nova, syncopation, structure, Swing, tune/head, note values, note names, Big bands, improvise, pulse, rhythm, pitch, tempo, dynamics, riff, hook, solo

Reflection

What did you like best about this Unit? Why? Was there anything you didn't enjoy about it? Why?

Did you have any strong feelings about it? Were you proud of yourself, happy or annoyed?

What are the 'style indicators' of Bossa Nova and Swing?

How do you know this is Bossa Nova or swing music? Can you find out more about Bossa and Swing?

Skills: Listen Perform Create Explore Sing Compose Produce Improve