

Make the dirty water
clear again!

Deserts – Can science help desert survival?

Create a Desert Survival Guide

STEM Essential Knowledge

Maths

- Read Roman numerals up to 1,000.
- Compare and order numbers to 1,000,000.

Science

- Different materials are used for particular jobs based on their properties: electrical conductivity, flexibility, hardness, insulators, magnetism, solubility, thermal conductivity, transparency, etc.
- Mixing and dissolving solids and liquids together can be reversed by: sieving, filtering and evaporating
- Irreversible changes can result in a new material e.g. milk and vinegar = casein plastic
- **Computing**
- Code a soundtrack using Scratch and understand that nested loops can repeat a rhythm or pattern.
- Decompose programs into smaller parts and remix existing code
- Identify errors in programs, debug and evaluate the effectiveness



Flamingo Class Autumn 1



Language & Literacy Essential Knowledge

Reading

- Read with increasing fluency and stamina
- Skim and scan to locate relevant information quickly.

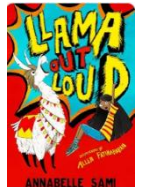
Writing

- Use the correct tense consistently throughout a piece of writing.
- Use a thesaurus to find synonyms.

French

- Form simple statements by adapting a model.
- Apply accurate word order in French.
- Identify and extract key information from short texts.

Class Text: Llama out Loud by Annabelle Sami



Humanities Essential Knowledge

Geography

- The main lines of latitude: the Equator, Tropic of Capricorn, Tropic of Cancer, Arctic Circle and Antarctic Circle
- Latitude determines climate and there are 5 main climate zones
- Plants and animals have adapted to the desert biome
- Las Vegas and the Bedouin are examples of desert settlements

R.E.

- Psalms are praises to God and Psalm 8 praises His Creation
- Many Christians do not respond to Genesis as literal, yet find many truths: the Earth is a gift; humans are imperfect but full of potential; humankind has an enduring relationship with God

Arts Essential Knowledge

Music

- Talk about the purpose of sea shanties and describe some of the features using music vocabulary.
- Compose body percussion patterns and record using rhythm grids.
- Sing in unison while playing an instrumental beat (untuned).

Wellbeing/RSE/PE

PHSE – My healthy self.

PE – Rugby & Dance

- Flexibility, changing direction and speed helps evade opponents
- Know the rules of tagging and how to intercept to gain possession.
- Know some dances from across the decades.
- Dance in pairs, groups and on own.

