

CLOUDS

Islam

- Ayat 24:43
- A Brief Illustrated Guide to Understanding Islam – this book explains about the above Ayat and much more in relations to the Quran and clouds and how science is supporting the words of the Quran.
- Learn Dua for rainfall – could make a cloud shape mobile with raindrop/lightening shapes hanging down and dua wording on one side and decorated on the other or a folded cloud shape which could be decorated on the outside and have the words to the dua on the inside – why not make all of them!!
- Discuss the mercy of Allah in providing us with water and what would happen if we had no water etc

English

- Discuss and identify words to describe clouds and their movement, size, colour etc could use dictionary to find meanings and write them down in a book. May want to limit the number of words.
- Could write an essay about clouds and cloud formations (a bit boring) or write a story about a journey floating on a cloud – depends how his imagination works and whether he is more comfortable with factual or fictional work.
- Could write a poem using each letter of the word ‘cloud’ to start each new line.
- See if you can find any books/poetry etc on clouds or storybooks even.
- NEPHELOCOCYGIA (the art of looking for shapes in the clouds) – make as many words as you can using the letters of this word.
- Make a vocabulary list using the new words that he will learn throughout this project and make sure he understands them – could make a game where he matches the word to the definition.
- Write a weather report/presentation for other kids about clouds/water cycle.

Maths

- Using information given in fact books plot a graph on the height clouds reach when producing rain/hail/thunder etc and compare them
- Make up maths problems for him to solve i.e. if rain is falling at a rate of 1cm per 15 mins how much total rain will fall in 2 ½ hours (of course you also need to work out the answers)
- ‘Reading thermometers’ and ‘above and below averages’ also has weather data that can be manipulated in various ways – go to <http://www.meto.gov.uk/education/primary/teachers/thermometers.html>

Science

- Look at the complete water cycle and learn about the clouds’ involvement in the water cycle – ‘A Drop of Mercy’
- Discuss the science behind cloud formations – ie wind/atmospheric pressure, growth of clouds causing the production of water droplets etc. Electrification of clouds to produce lightning.

- Discuss the different types of cloud formations and what weather they bring – could try and simulate the formations in pictures using cotton wool/paint etc or take photographs of cloud formations or using the PC could write a simple report and cut/paste photos from the internet.
- Keep a weather record – could try and predict the weather using the cloud formations can also do this online at www.ucar.edu
- Make a weather station – let me know if you want to do this I have a great info sheet on making a station.
- <http://www.nws.noaa.gov/om/educ/activit/activ.htm> - has some experiments to carry out re: meteorology
- http://www.ucar.edu/educ_outreach/webweather/cloudact2.html - make a portable cloud activity
- Draw a picture of a cloud and label it.
- Discuss °F and °C and compare.
- Look ‘briefly’ at water cycle (this can be a whole new project)

GEOGRAPHY

- Touch on how the rainfall affects our landscape.

IT

- http://www.ucar.edu/educ_outreach/webweather/cloud2.html - online ‘cloud’ activity Q&A etc
- Just using the PC/books for research and selecting information to use in reports or for typing and presenting reports/stories/poems etc
- <http://www.enchantedlearning.com/subjects/astronomy/planets/earth/clouds/> - has some great info on clouds and also a section where you can download ‘label me’ worksheets for cloud formations and the water cycle.

Resources:

- A Brief Illustrated Guide to Understanding Islam
- Any factual books on weather/meteorology etc from the library
- Craft materials
- ‘A Drop of Mercy’ – I have this to borrow you insha’ Allah

Websites

- <http://www.wildwildweather.com/clouds.htm> - nice website written without jargon very nice for children
- http://faldo.atmos.uiuc.edu/w_unit/weather.html - a complete study unit on weather
- <http://www.solarviews.com/eng/cloud1.htm#views> – images of clouds from space
- http://www.ucar.edu/educ_outreach/webweather/cloud2.html - great site for kids has almost everything you would want to keep them interested – great info, online activities, activities to do in the house and cloud games – must visit this one!
- <http://www.solarviews.com/eng/marsclld.htm#views> – views of clouds on Mars
- <http://www.meto.gov.uk/education/primary/> - has info about clouds, poems, puzzles, songs, experiments, dictionary of weather words, facts, art activities and lots of experiments
- <http://www.meto.gov.uk/education/> - UK Meteorology website