

Greek Word Detective

to do with change	to do with light	to do with books	to do with something pretend
to do with water	to do with sound	to do with a love or liking of something	to do with the study of something
to do with time	to do with the shape of things	to do with the name of something	to do with heat

archaeozoic

The scientific study of animals

phonoscope

isotherm

polymorphic

The way in which different sounds make up different words in a language

A machine for measuring the regularity of someone's heartbeat

The study of people's handwriting

A building in which books are stored

Investigating meanings of Greek roots in English words.

Greek Word Detective

Developed by Steve Cooke and Gill Anstock at Wyvern School in Leicester. This is an expandable activity to which of course many more words can be added. You may want to simplify the activity by having words with only one Greek root, or complicate it by putting in words with more than two. You can also find a Latin version on our literacy page. The address for this activity is <<http://www.collaborativelearning.org/greekworddetective.pdf>>

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Basic principles:

1. Build on prior knowledge.
2. Move from concrete to abstract.
3. Ensure everyone works with everyone else.
4. Extend social language into curriculum language.
5. Provide motivating ways to go over the same knowledge more than once.

It's vital
to talk it
through
before you
write it!

Collaborative Learning = Oracy in Context
makes challenging curriculum accessible.
improves social relations in the classroom.
provides scaffolding for exploratory talk.

BRIEF SUMMARY OF BASIC PRINCIPLES BEHIND OUR TEACHING ACTIVITIES:

The project is a teacher network, and a non-profit making educational trust. Our main aim is to develop and disseminate classroom tested examples of effective group strategies across all phases and subjects. We hope they will inspire you to use similar strategies in other topics and curriculum areas. We run teacher workshops, swapshops and conferences throughout the European Union. The project publishes a catalogue of activities plus lists in selected subject areas, and a newsletter available by post or internet: "PAPERCLIP".

*These activities were influenced by current thinking about the role of language in learning. They are designed to help children learn through talk and active learning in small groups. They work best in mixed classes where children in need of language or learning support are integrated. They are well suited for the development of speaking and listening. They provide teachers opportunities for spoken language and other assessment.

*They support differentiation by placing a high value on what children can offer to each other on a particular topic, and also give children the chance to respect each other's views and formulate shared opinions which they can disseminate to peers. By helping them to take ideas and abstract concepts and move them about physically they help to develop thinking skills.

*They give children the opportunity to participate in their own words and language in their own time without pressure. Many activities can be tried out in mother tongue and afterwards in English. A growing number of activities are available in more than one language, not translated, but mixed, so that you may need more than one language to complete the activity.

*They encourage study skills in context, and should therefore be used with a range of appropriate information books which are preferably within reach in the classroom.

*They are generally adaptable over a wide age range because children can bring their own knowledge to an activity and refer to books at an appropriate level. The activities work like catalysts.

*All project activities were planned and developed by teachers working together, and the main reason they are disseminated is to encourage teachers to work effectively with each other inside and outside the classroom. They have made it possible for mainstream and language and learning support teachers to share an equal role in curriculum delivery. They should be adapted to local conditions. In order to help us keep pace with curriculum changes, please send any new or revised activities back to the project, so that we can add them to our lists of materials.

<http://www.collaborativelearning.org/greekworddetective.pdf>

Ancient Greek Word Detective

The aim of this activity is to help pupils become aware of the influence of Ancient Greek on the modern English language and how various Greek 'roots' (phono, graph, cardio etc.) are combined to make a variety of technical and general words in English. The idea is not that the pupils should learn or know the exact meaning of all the words on the cards, but that they should see that by breaking the words down it is possible most times to understand the gist of long and complicated looking words - so that 'polychromatic', for example, is something to do with 'many' and 'colour'.

This activity has been used with Years 5,6 and 7.

Instructions

There are two activities here. A Matching word with definition using a clue and a Connect Four Game to consolidate knowledge.

Make enough sets of materials so that there is one set for each group of four. Other instructions can be found on the individual sheets

Matching activity words and cards for Connect Four Game

phonological	phonometer	metachrosis	metamorphic	pseudoarchaic	archaeozoic
photochromatic	photosynthesis	geomorphology	chronometer	polymorphic	cardiology
cardiograph	bible	philosophy	philanthropy	bibliography	hydrophone
bibliophile	pseudonym	anonymous	pyrophobia	phonoscope	isotherm
hydrophobia	graphology	zoology	polychromatic	isomorphic	chronicle
polyonomous	isochromatic	synchronistic	chromatoscope	photometer	anthropology

Matching activity definitions of word cards: print on card and cut up.

The way in which different sounds make up different words in a language	A device for measuring the number and strength of sound waves	The process by which something changes its colour, for example a chameleon	This describes something which has had its form or shape changed in some way.	Something that appears to be very old, but is not really old.	This describes some of the animals that existed early in the history of the Earth.
Something which changes colour when it is exposed to light	The process by which plants make food from sunlight.	The study of the way in which different shapes and features of the Earth's surface are formed.	A device for measuring time, particularly one that measures with great accuracy.	This describes something that can take on many shapes.	The study of the workings of the heart.
A machine for showing the speed of the heartbeat on a screen.	A book well known to Christians.	The study of, or love of, knowledge and wisdom.	To do with liking people and wanting to help them.	A written list of books which have been used to help someone write a book or an essay.	A instrument for detecting the sound of running water.
A person who likes books very much.	A made up name which someone uses to hide their identity.	This describes something done by someone whose name is not known.	An irrational fear of fire.	An instrument for turning sounds or sound waves into visible patterns.	A line on a weather map which joins two places that had exactly the same temperature.
A fear of water.	The study of people's handwriting.	The scientific study of animals.	Something which is made up of many different colours.	This describes something which has only one shape or form.	A written story or history of a series of events in the time order in which they happened.
A person or thing which has many different names.	A thing which is made up entirely of one particular colour.	This describes two or more events which happen at exactly the same time.	An instrument for examining the different colours in the twinkling of stars.	An instrument for measuring the intensity of light.	The scientific study of human beings and the way in which they live.

Greek Word Detective Connect Four Board

to do with change	to do with light	to do with books	to do with something pretend	to do with something ancient	to do with fire
to do with water	to do with sound	to do with a love or liking of something	to do with the study of something	to do with the heart	to do with looking at something
to do with time	to do with the shape of things	to do with the name of something	to do with heat	to do with writing or drawing	to do with the shape of things
to do with books	to do with writing or drawing	to do with a fear of something	to do with colour	to do with something pretend	to do with time
to do with sound	to do with the study of something	to do with animals	to do with something ancient	to do with wisdom or knowledge	to do with the name of something

Greek Word Detective Clues

phono-, -phone = to do with sound
meta- to do with change
archaeo-, -archaic = to do with something old or ancient
photo- = to do with light
-graph, graphy = to do with writing or drawing
morph-, -morphic = to do with the shape of something
-ology = to do with the study of something
biblio- = to do with books
philo-, -phile = to do with a love or liking of something
-sophy = to do with wisdom or knowledge
poly- = means many or a lot
chromato-, -chrosis, -chromatic = to do with colour
pseudo- = to do with something pretend
-onomous, -nym = to do with names
anthro-, -anthropy = to do with humans or people
cardio- = to do with the heart
zoo-, -zoic - to do with animals

iso- = means the same
an- = means without or not having
-phobia = to do with a fear of something
syn- = means together or with
-synthesis = to do with making something
pyro- = to do with fire
hydro- = to do with water
-therm = to do with heat
-theca = to do with a building
-meter = to do with measuring
chrono-, -chron = to do with time
-logical = to do with words
geo- = to do with the Earth
-scope = to do with looking at something