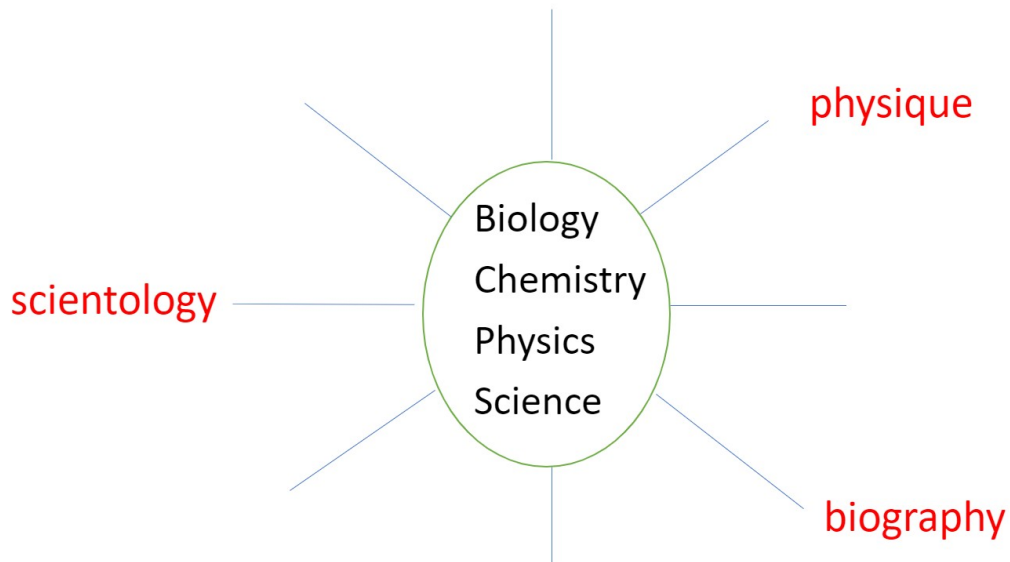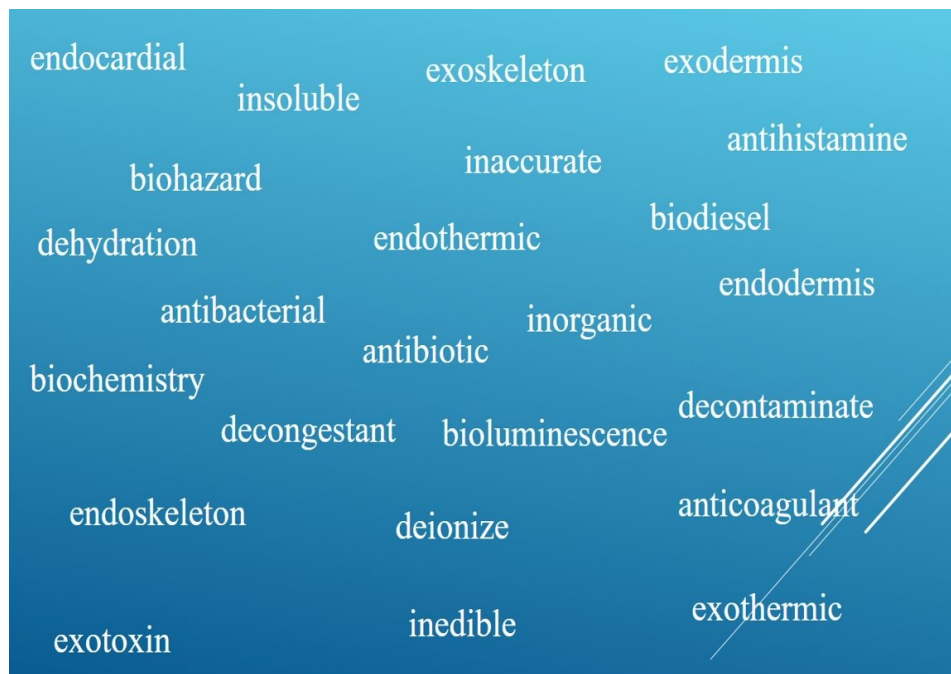**KS3 Unit 7 Lesson 2 The Language of Science**

Worksheet

1. Word association game. How many words made from the four in the middle can you add to the spider diagram?

physique

Biology
Chemistry
Physics
Science

scientology

biography

2. Can you put these scientific words into 6 categories?

endocardial   exoskeleton   exodermis

insoluble

antihistamine

inaccurate

biohazard

biodiesel

dehydration   endothermic

endodermis

antibacterial   inorganic

antibiotic

biochemistry

decontaminate

decongestant   bioluminescence

endoskeleton   anticoagulant

deionize

exothermic

inedible

exotoxin

3. Biology – Answer the discussion questions on the board.
4. Physics – Matching Game

1.	Vibration	a)	Latin *audio* (hear)
2.	Audible	b)	Latin *lumen* (light)
3.	Amplitude	c)	Latin *flecto* (bend)
4.	Reflection	d)	Latin *vibro* (shake)
5.	Refraction	e)	Latin *gravis* (heavy)
6.	Luminous	f)	Greek θερμος *(thermos)* 'heat
7.	Gravity	g)	Latin *frango,fract* (break)
8.	Thermal	h)	Greek κινε- *(cine-)* 'move'
9.	Kinetic	i)	Latin *amplus* (large, full)

5. Chemistry – fill in the missing vowels from the clues on the board.

C_lc_ _m

P_t_ss _ _m

H_l_ _ m

Hydr_g_n

_xyg_n

Chl_r_n_

C_rb_n

6. Why do you think so many of our scientific words have Greek or Latin origins?

7. Why is it useful to learn about the etymology of scientific words?