

	Year	Term		
Biology	13	1 (& term 3 of Year 12)		
Торіс				
Studying Populations				
Content (Intent)				
Prior Learning (Topic) Year 12: Biodiversity & Classification; Year 10: B7 Ecology				
 Populations key terms & definitions Use of quadrats Use of transects Processing data to include Correlation Co-efficient or Spearmann's Rank, Student's T-test, recap of standard deviation. Mark-release-recapture Human populations Factors affecting population size – abiotic and biotic, including predation, competition Succession Conservation 				
Future Learning (Topic) Year	12. Energy Ecosystems & N			
How will knowledge and skills (Implementation) Demos	be taught? How will you recorded (In	ur understanding be assessed & npact)		
How will knowledge and skills (Implementation)	be taught? How will you recorded (In - 4 x standard verbal feedba -1 x end of top to class and in	ur understanding be assessed & npact) homeworks (Grade given. Written & ck. Response expected.) hic test (Grade given. Verbal feedback dividuals.)		
How will knowledge and skills (Implementation) Demos How to use quadrats How to use transects	be taught? How will you recorded (In - 4 x standard verbal feedbar -1 x end of top to class and in - Assessment of written and pr sheets.	ur understanding be assessed & npact) homeworks (Grade given. Written & ck. Response expected.) vic test (Grade given. Verbal feedbacl		
How will knowledge and skills (Implementation) Demos How to use quadrats How to use transects How to use abiotic factor meters Practical work Sampling using quadrats Sampling using transects Required practical 12	be taught? How will you recorded (In - 4 x standard verbal feedbar -1 x end of top to class and in - Assessment of written and pr sheets.	ur understanding be assessed & npact) homeworks (Grade given. Written & ck. Response expected.) bic test (Grade given. Verbal feedbac dividuals.) of CPAC skills from the practical (bot		

Encourage students to use the textbook issued.

Take an interest! Ask your children what they have learnt and be curious about their learning.

Helpful further reading/discussion			
Reading	Vocabulary Lists	Careers Links	
New Scientist	Quadrat, transect,	Ecologist	
Biological Science Review	abundance, percentage	Environmental Scientist	
Magazine	cover, abiotic factors, biotic	Biological Scientist	
The Biologist Magazine –	factors, predation,	Conservation	
Royal Society of Biology	interspecific competition,	Land management	
Royal Society of Biology blog	intraspecific competition,		
	succession, conservation.		