

Unit Title:	Pollution and Human Population
Unit Level:	Three
Unit Credit Value:	3
Unit Code:	WNI312
Unit Type:	Academic Subject Content
Unit Review Date:	31/12/2028
Graded / Ungraded:	Graded

This unit has 4 learning outcomes:

Learning outcomes	Assessment criteria
The learner will:	The learner can:
1. Understand population change and its impact on the environment.	1.1. Discuss five factors responsible for global population change. 1.2. Analyse three problems associated with population change. 1.3. Evaluate strategies proposed to stabilise population change.
2. Understand the impact of population increase on the landscape.	2.1. Analyse the impact of urbanisation and industrialisation on the landscape and atmosphere with reference to: <ul style="list-style-type: none"> ▪ Smog ▪ Photochemical smog ▪ Urban heat island ▪ Derelict land ▪ Habitat destruction and mineral extraction
3. Understand the issues surrounding changes in agricultural systems.	3.1. Analyse the changes in an agricultural system as a result of intensification. 3.2. Discuss the impact on agricultural systems of two novel means of producing food to feed the growing world population. 3.3. Discuss the impact of these changes on the environment.
4. Understand the impact of energy systems on the environment.	4.1. Compare the impact of coal fired and nuclear power stations on the environment.

Assessment (Graded)

1. Meets assessment criteria	At least a Pass
2. Further grading	
▪ Meets assessment criteria but not merit grading standards	Pass
▪ Meets assessment criteria and merit but not distinction grading standards	Merit
▪ Meets assessment criteria and distinction grading standards	Distinction