

Human Health (IOL14) – Revision Checklist

I can...	Lesson	Revised
Describe the role of the nucleus.	IOL14 LE1	
State where chromosomes are found in a cell.	IOL14 LE1	
Describe the relationship between chromosomes, DNA and genes.	IOL14 LE1	
State how chromosomes are arranged in body cells.	IOL14 LE1	
Define the cell cycle.	IOL14 LE2	
Describe the stages of the cell cycle.	IOL14 LE2	
Describe mitosis.	IOL14 LE2	
Explain why DNA must replicate before cell division.	IOL14 LE2	
Describe what happens to chromosomes during mitosis.	IOL14 LE2	
Describe what happens to the cytoplasm and cell membrane during cell division.	IOL14 LE2	
Explain why mitosis produces identical cells.	IOL14 LE2	
Explain the importance of mitosis in growth and development.	IOL14 LE2	
Recognise situations where mitosis is occurring.	IOL14 LE2	
Describe cancer as uncontrolled cell division.	IOL14 LE3	
Distinguish between benign and malignant tumours.	IOL14 LE3	
Describe how malignant tumours spread in the body.	IOL14 LE3	
Identify lifestyle risk factors for cancer.	IOL14 LE3	
Identify genetic risk factors for cancer.	IOL14 LE3	
Define pathogen.	IOL14 LE4	
State the main types of pathogens.	IOL14 LE4	
Describe how pathogens can be spread.	IOL14 LE4	
Explain how diseases in animals and plants are transmitted.	IOL14 LE4	
Explain how the spread of disease can be reduced or prevented.	IOL14 LE4	
Describe how bacteria reproduce in the body.	IOL14 LE4	
Describe how viruses reproduce in the body.	IOL14 LE7	
Explain how bacteria cause illness.	IOL14 LE4	
Explain how viruses cause cell damage.	IOL14 LE7	
Describe measles as a viral disease.	IOL14 LE7	
Describe how measles is spread.	IOL14 LE7	
Explain why vaccination against measles is important.	IOL14 LE10	
Describe HIV and its effects on the immune system.	IOL14 LE8	
Explain how HIV is transmitted.	IOL14 LE8	
Describe AIDS as late-stage HIV infection.	IOL14 LE8	
Describe tobacco mosaic virus (TMV) as a plant disease.	IOL14 LE8	
Explain how TMV affects plant growth.	IOL14 LE8	
Describe Salmonella food poisoning.	IOL14 LE5	
Explain how Salmonella is spread.	IOL14 LE5	
Describe methods used to control Salmonella.	IOL14 LE5	
Describe gonorrhoea as a bacterial sexually transmitted infection.	IOL14 LE5	
Explain how gonorrhoea is spread.	IOL14 LE5	
Describe how gonorrhoea is treated and controlled.	IOL14 LE5	
Explain the problem of antibiotic resistance in gonorrhoea.	IOL14 LE6	
Describe rose black spot as a fungal plant disease.	IOL14 LE11	
Explain how rose black spot affects plant growth.	IOL14 LE11	
Describe how rose black spot is spread.	IOL14 LE11	
Describe methods used to control rose black spot.	IOL14 LE11	
Identify malaria as a disease caused by a protist.	IOL14 LE11	
Describe the life cycle of the malarial pathogen.	IOL14 LE11	

