

Communicable diseases		
1	Communicable diseases	disease that can be passed on (contagious) caused by bacteria, fungi, virus or protists
2	Non-Communicable diseases	diseases that cannot be passed on (noncontagious)
3	Pathogens	disease causing microorganisms
4	Bacteria	produce toxins that damage tissues and make us feel ill
5	Salmonella	food poisoning is spread by bacteria ingested in food
6	Gonorrhoea	STD caused by bacteria, causes discharge from the vagina or penis and pain on urinating
7	Virus	live and reproduce inside cells, causing cell damage
8	Measles	virus that causes rash, spread by inhalation of droplets from sneezes and coughs
9	HIV	virus that attacks the body's immune cells, spread by sexual contact or exchange of body fluid
10	Tobacco mosaic virus	plant virus, causes 'mosaic' pattern on the leaves
11	Fungal diseases	caused by spores
12	Rose black spot	fungal disease where black spots form on leaves, photosynthesis is reduced
13	Protist diseases	caused by single celled organisms
14	Malaria	protist disease spread by mosquitoes

Defence systems		
15	Body defence	skin, nose, trachea and bronchi and stomach
16	White blood cells	defend against pathogens by: phagocytosis, antibody and antitoxin production
17	Vaccination	used to immunise large proportions of a population
18	How vaccinations work	a. dead pathogen injected b. white blood cells produce antibodies c. if infected again, antibodies produced quickly
19	Antibiotics	used to treat bacterial infections
20	Resistant bacteria	bacteria that have evolved to be immune to antibiotics
21	Painkillers	treat symptoms of an infection but do not cure it
Development of drugs		
22	Placebo	drug without the active ingredient
23	Drug trials	new drugs are tested for toxicity, efficacy, and dose
24	Preclinical testing	done in a laboratory using cells, tissues and live animals
25	Clinical trials	a. low doses of the drug are given to healthy patients b. If found safe, given to patients who have disease to check for does c. done in a double-blind trial
26	Blind trials	patient does not know if they are taking the drug
27	Double blind trials	patient and doctor do not know if the patient is taking the drug or a placebo