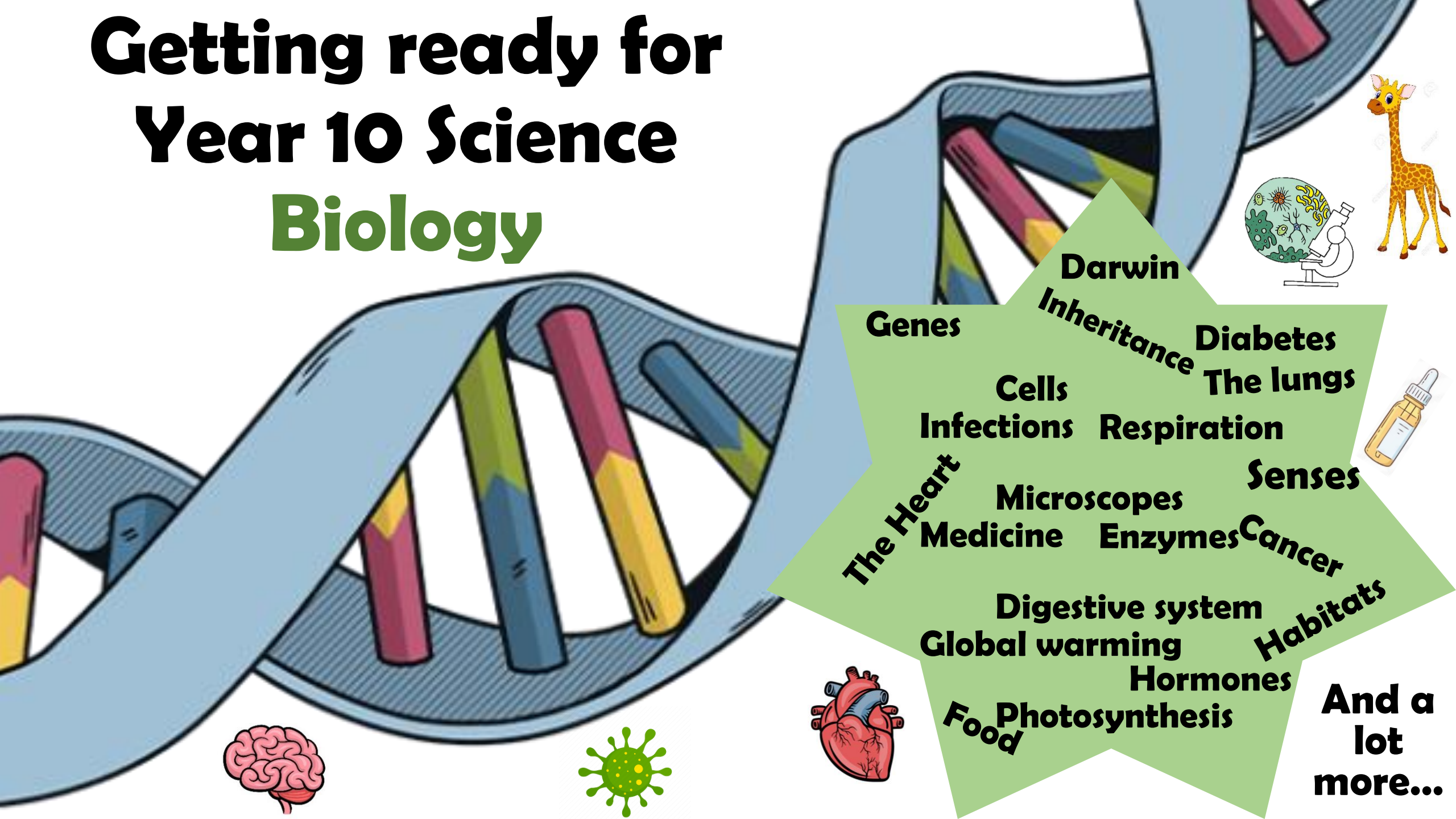
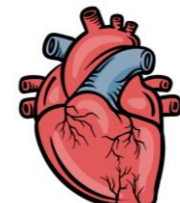


# Getting ready for Year 10 Science Biology



- Darwin
- Inheritance
- Diabetes
- The lungs
- Genes
- Cells
- Infections
- Respiration
- Senses
- The Heart
- Microscopes
- Medicine
- Enzymes
- Cancer
- Digestive system
- Global warming
- Hormones
- Habitats
- Food
- Photosynthesis
- And a lot more...



# Getting ready for Year 10 Science

## Biology

**To do;** Complete two of the three tasks on the next slides.

- Task 1 – Keeping Healthy
- Task 2 – Adaptations for survival
- Task 3 – Reproduction & new technology

**How to do it;** on paper, in your old book or on your iPad ~ get creative. We don't mind how you do it as long as you have a go!

**Challenge;** Complete all 3 and send to Miss Chinnery for a reward!

# Task 1- Keeping Healthy

There is a zombie out break and a deadly disease is spreading across Norfolk.

□ TASK You must design an information poster on pathogens and disease. To try and prevent the whole of Downham Market turning into flesh eating zombies!



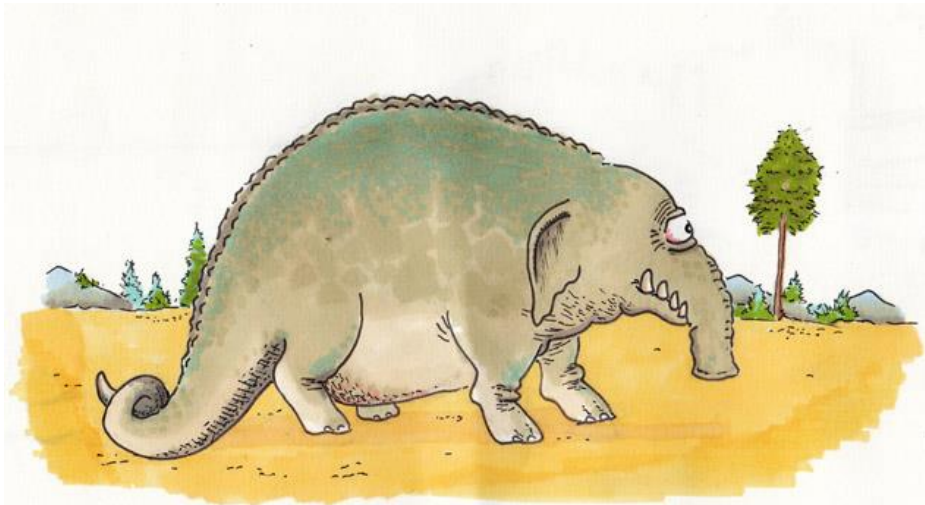
□ YOU MUST INCLUDE: the differences between bacteria and viruses, how pathogens cause disease, preventing microbes getting into your body, drugs that are used to treat disease (antibiotics) what vaccinations do



# Task 2 - Adaptations for survival



- ❑ **TASK:** Design and draw a made up creature and explain what the creature needs to survive and why it has adapted the way it had to live. Eg a big warm coat was adapted because it lives in Antarctica.
- ❑ **YOU MUST INCLUDE:** what it eats and drinks, why it has adapted the way it has, where is it in the food chain (who eats it?)



# Task 3 - Variation, reproduction and new technology



- TASK: you have been asked to research why we look like our family members and how cloning works. You have been challenged to produce a leaflet explaining this.
- YOU MUST INCLUDE: what are genes and chromosomes and how they affect the way we look. Types of reproduction. Genetic and environmental differences and cloning.