

Science Vision Map

Year 3 – Animals including humans

Crucial Knowledge

- Humans (people) are a type of animal.
- Nutrition is the study of food and how it works in your body.
- Different foods affect a human body in different ways.
- Bones are living and have blood in them. They grow over time.
- Point to: skull, backbone, ribs and pelvis on a picture.
- Ribs protect the lungs which are used for breathing.
- Bones cannot move or stay in place without muscles.
- Muscles are how our bodies live and move.
- The heart is a muscle. It pumps bloods to the rest of our body.
- When someone is moving in a fast way, their muscles work hard. If our muscles are not used, they become weaker.
- Daily exercise helps to keep muscles healthy.

Intent

- Recap – Animals including humans (Year 2)
- Nutrition: types of food and a varied diet
- Skeleton:
 - learn names of main bones (*skull, backbone, ribs, pelvis*),
 - appearance and function of main bones
- Purpose of muscles
- The heart: basic pumping of blood in and out
- Healthy lifestyle