## Lungs

Important: colour all parts before cutting them out.

Windpipe: colour the tube between the 'bars' grey.

Lungs: colour the tubes inside the lungs in blue and those parts between the tubes colour

red.

Diaphragm: colour this orange

Heart: colour this red

Body parts: colour the lungs (the ear-like flaps) red and the centres of the ends of the 'chain'

of ribs brown.

Rib cage: leave white

## Making the model

- 1. Cut out the windpipe (including around the dotted flaps) and stick it centrally about a third of the way down your page.
- 2. Cut out the heart and stick it below the windpipe where it divides into two tubes.
- 3. Cut out the two lungs and stick them either side of the heart with the tubes running from them connected with the two branches of the windpipe.
- 4. Cut out the body parts. Cut around the outline and down where the arrows are pointing so that the lungs are attached to the rest by a flap of paper. Put glue only on the back of the long outer strips so that the lungs can be lifted up once the model is complete. Stick the body parts on to the model so that the upper parts fit within the flaps running out from the windpipe and the lung sections are covering over the lower sections of the lungs which are already in place.
- 5. Cut out the diaphragm and stick it between the lower 'rings' of the two body parts so that it forms an arch curving upwards towards the lungs.
- 6. Cut out the ribcage. If you are good with scissors and have time cut out the paper between the ribs. Put glue only on the top right hand section which had the dotted line around it before you cut it out and then stick it onto the model; so that it covers the whole of the upper body cavity as it would in real life.

## Label the following parts:

Windpipe Lungs Heart Diaphragm Ribs

Finally give your model a title.



