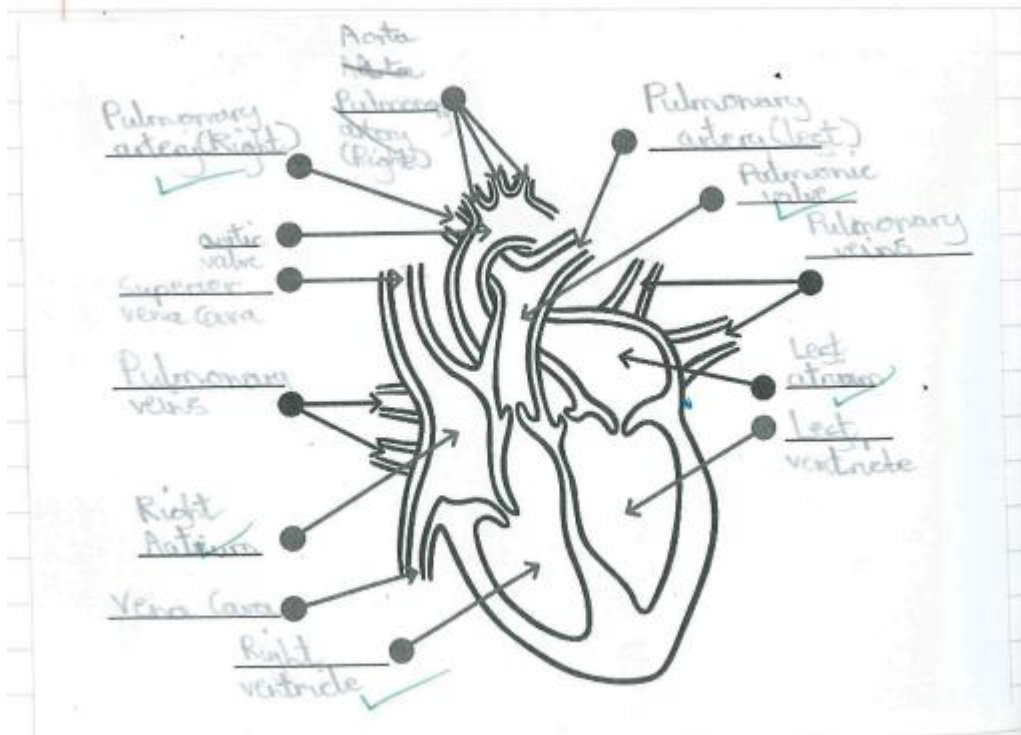
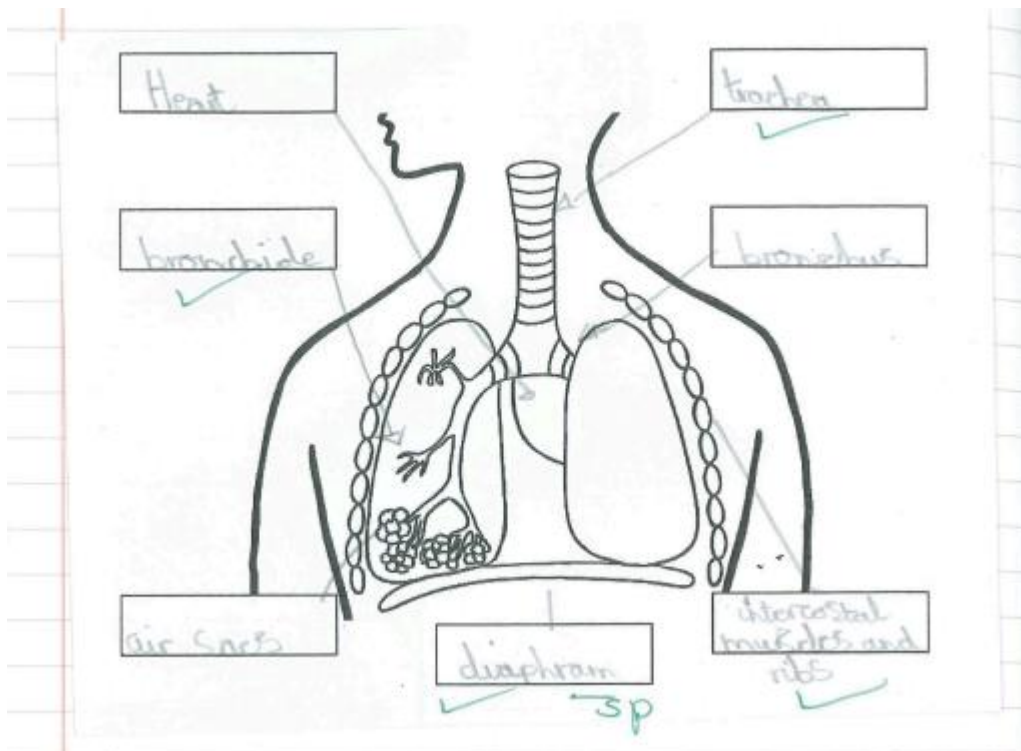
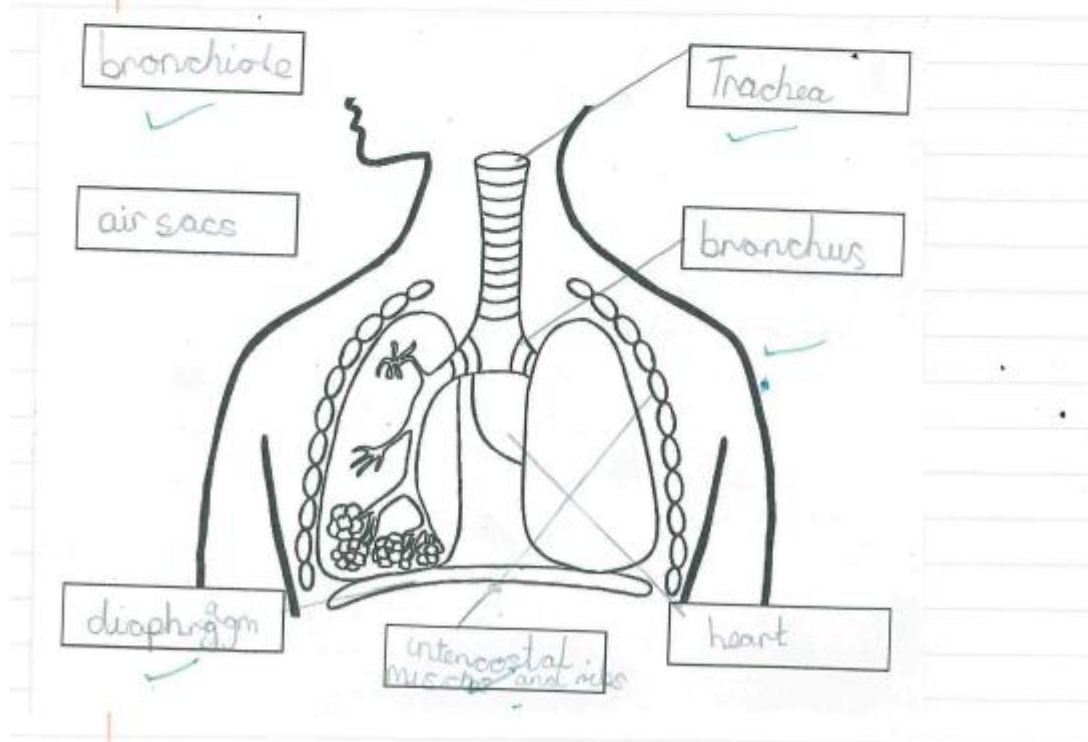
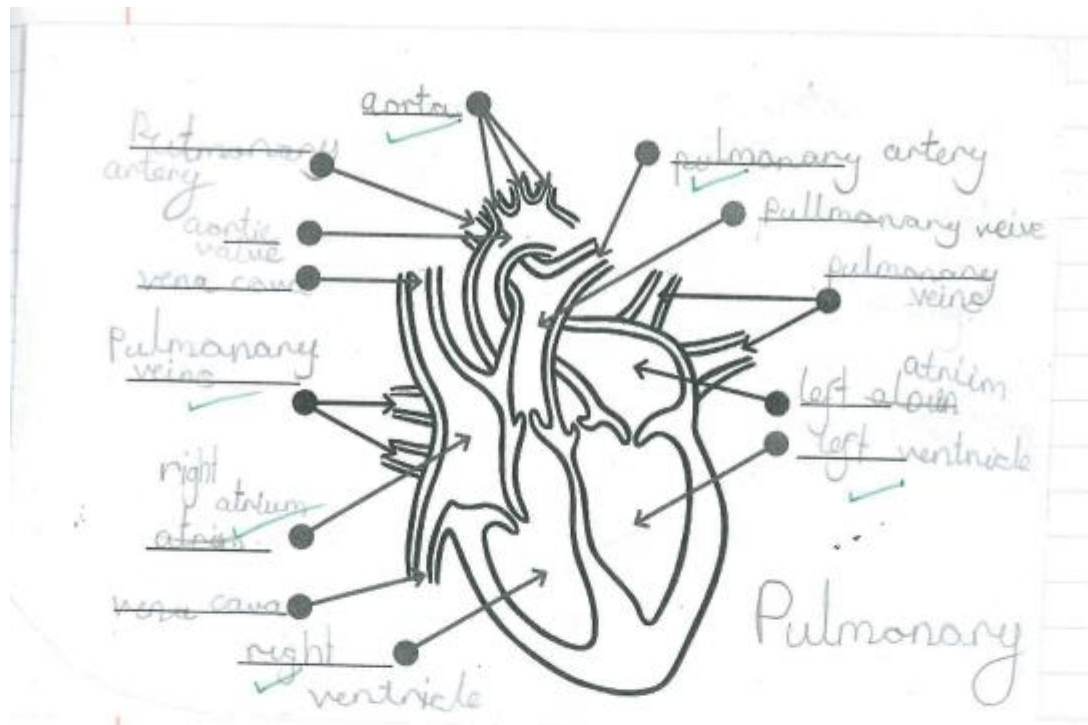


Year 6 – Autumn 1 – Science – Blood Heart

In this unit, Year 6 have learnt about the heart and lungs. They researched the name and function of them.





Lo: TO explain the function of valves, veins, arteries and capillaries in the human circulatory system. (A)

The valves is passing blood slow in right direction. ✓

Veins are deoxygenated blood and is the body to the heart. ✓

The arteries is oxygenated blood from heart to body. ✓

The capillaries exchanged of substance $CO_2 + O_2$. ✓

In science, the children investigated how exercise affected their heart rate and conducted a scientific investigation.

sci

20.9.20

(A)

To investigate how exercise affects pulse rate.

pulse rate = 48 bpm

How pulse rates change after exercise

Prediction

Predict that after the exercise my heart beat will increase.

Equipment

- Wrist
- Stopwatch
- Timer ✓

Method

1. Measure resting beats
2. Complete Exercise
3. Measure beats after exercise

Resting beats per min	Beats per min after exercise
48	72

Conclusion

When you exercise to your muscles need more oxygen so you need more of the breath so your heart beats per increases.

Question Key: why is it called a heart? why is it pink? why is it shaped like a heart? can it rest? How old is it? ✓