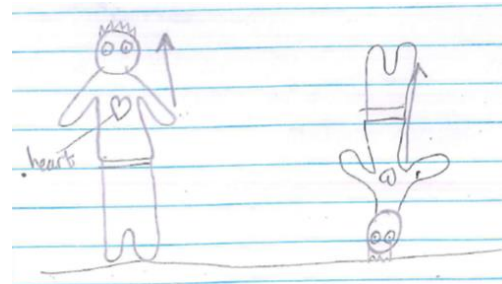


Topic: Animals including humans	Year 6 Age 10-11	Title: Heart rate head stands
Working Scientifically Focus Review: draw conclusions		Conceptual Knowledge Context Recognise the impact of exercise on the way their bodies function

Example

Children were asked to investigate pulse rates before and after a headstand. (They could use this as to make further predictions about other forms of exercise).



	♡ Beat before	♡ Beat after
e.	94 beats in 1 minute	99 beats in 1 minute
on	98 beats in 1 minute	106 beats in 1 minute

The number of heart beats go up once they have done a head stand. **Why?** because they the heart has to work harder because it is futher dislant. than your head.

Children meeting the objective would be able to relate the heart rate after exercise to how hard the heart has to work during exercise.

The child above (in their diagram and additional sentence) needs further support to explain their idea more clearly (that when upside down there is more of the body above the heart so the heart has to work harder against gravity).

Example from St Mary's Primary School, Axminster