

# HUMAN BIOLOGY

<b>Age group:</b>	Year 7-13, tailored to meet your curriculum needs
<b>Duration:</b>	3 hours (1/2 day) or 6 hours (full day)
<b>Good for:</b>	STEM, maths, experience of work, technology, PSE
<b>Price:</b>	Maximum 16 learners per session - 3 hours £175 per session, 6 hours £300 per session

## What are you made of?

### 3 hours

Explore your insides using our state of the art equipment. Through the use of interactive clothing learners can see their own heart beating and lungs breathing. Learners will have the opportunity to measure their own vital observations and record their findings on observation charts.

### 6 hours

In the second interactive session, learners will be able to develop their clinical skills further by exploring what happens when the circulatory, respiratory and digestive systems stop working properly. Learners will become familiar with x-rays, ECG readings, urine and blood analysis, nebulisers, fluid balance and the use of swabs to detect infection.

In addition, learners will also be shown basic first aid techniques related to each physiological system studied.

### Stretch, challenge and differentiation

With advanced notice we are also able to involve wound simulation and realistic incidences, which will add realism to first aid and major incidences making this a real 'true life experience' where learners can explore what happens to a body in an accident or when ill.

For higher level learners we are able to introduce the use of medication to address problems within the human body.

Please do not hesitate to discuss specific needs of your curriculum, as our fully equipped hospital environment can be tailored to add real-life experiences to enhance the student experience.

