Start here.							
(a) Animal Structure. Insect located either on abdomen or legs,							
11136.01							
Fish the body picks op the vibration from the mater.							
Mammal. Ears - outer ear finnels sound into middle ear, hair cells pick up vibration + send a message to the brain.							
+ Send a message to the brain.							
(b) The vocal folds are different for the person when singing							
high pitch and low pitch. This is because high pitch							
travels faster than low pitch:							
High ~ low \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
this means that the vocal folds by have to be altered							
to create the differences. For high pitched vocal folds							
are less, so the sound can travel faster, and for							
low pitch, the folds are more so the sound is							
Slowed.							
(c) i// retina.							
" <i>II</i>							
if the structure of cones varies depending on their							
location in the retina as more needs to be where							
the focus of the light is, the others is just							
the the peripheral vision. It makes sense							
that more struct cones would be at the angle							
of 0° and decrease respectively at the increasing							
angles.							

ii// Rhodopsin in rods is to transmit the colour						
lii// Rhodopsin in rods is to transmit the colour back to the brain in a code so colour can						
be specifically noted. The 3 colours in rods						
of green, red and blue creates a code						
which rhodopsin is able to decode whi send to the brain to be de-cooled.						
Additional writing space on back page.						

Start here.
(d) i// 1 possible cause for the lack of action
potentials in region x includes
the amount of shock that an animal
gets put through can shot of any
action potentials in region X, as the body
brain is unable to comprehence The events
that have just occured
The second is that the brain doesn't have
as mony blood supply, or nerve endings
which reduces the amount of the action
potential that can occur in an area this
area, especially after a feell or surgery it
corld be damaged
ii// The mammal may not be able to
create action potential to a certain situation
pitting it in more danger. The
behaviour world then become enadict
more vulnerable to visk as they are
Unaware of ristes.
,

(e) our understanding of the eye with depth perception and ears with sound waves has led to the development of technologies with 3D. Without understanding of depth pearception to with eyes the vision of 30 would not exist, First of all to understand that depth is percieved by 2 different images produced by each eye. When are the 2 images are sin more Similar we gain a depth of things kitter away When images are more different things are closer. A 3D movie has used the concept of using two images to trick peoples depth perception, along with the glasses, enables people to view completely different images with the two eyes creating depth. This understanding would have been crucial to the development of such technologies. The understanding of sound waves and pitch would be relevant to that technology of surround Sound systems. Ri Lower pitch travels slower than higher pitch, and sound wives will after how the two ears pick up similar sounds at different levels, and volumes, as sound waves will normally take longer to get from one ear to another. This enables use to vader gain awareness of where The sound is coming from. Without this knowledge Additional writing space on back page. the technology of surround

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sound	systems ,	vorld rever	of been	inverted.	
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You may ask for an extra Writing Booklet if you need more space.					