

Communication

Photoreceptor cells are located in the reting.

A=conjunctiva=protects the pupil, lens etc. at

the front of the eye.

B= Iris = determines how much light willor

will not be allowed in the eye

(b)(i) Gather Information from various sources

for example encyclopedia, internet and books

Then use information to find the structures used

by animals to produce sound.

ii) Through a number of sources I can compare my information and see which information is

the same which should be true and which information is totally different to ofter sources:

which should be unfrue. This should help

me to assess the relevant and reliable information.



techniques sergical can come the is made into the insertion cloudy covered glasses cuse Looked Cloudy 6e SER DAY to Keep reappearing not properly remou the clouds are apprars over be mild but will blindness. Ted ention nology which can sigh



(d) Accommodation of the eye is the processes involved in the eye to refract light to such a way that objects become visable. Accommodation particularly occurs in the lens of the eye when it bonds to a shape to make objects clear at all different distances. Light needs to be focused on the return at the back of the eye in order for the objects to be clear. The lens 'accommodates' for this by extremely and or contracting to



different thicknesses.

To model the process of accomodation I performed the follow experiment:

Aim: To model communication of therege.

Method: with the use of a raybox shire

three rays through different shaped

conses. Trace the lines and measure

the focused distance from the lens to

the focused point.

Results: The thicker the lenses the shorter the focal length. The thinner the lenses the longer the focal length. Conclusion: The doser the object from the eye the thicker the lense. The further the thinner.

This experiment shows how the eye accommedates for different distances.



(e) Two devices designed to assist people with different types of hearing impairmentare theoring aids and cochlear implants.

theoring aids are used for people who have a slight impoirment in hearing but are not completly deaf they are not used by people have who have damage to nerves in the ear or who are completely deaf

on which ear they are unable to hear properly from...

They have are sensitive to any sound which is produced



my omplifying the sound produced that is then tronsmitted
to the meor.
Gochlear-Implonts are is odevice which is objonic eem
which is implentionted it is used by people who hove domoge
to nerve celb in their ear and are completely deop.
cochlear implant consist of a receiver a amplierier
and a speech delector, when sound is produced the tymponic
membrone detects it and amplifies the sound which then
It is heard ord A speech detector is also given & to allow
the person to produce sound any
some implications are a sp hearing and must be always
adjusted for example if watching TV or listening to music
It must be objusted to vorious sounds.
These technolog