

# Peer Teaching

## Do pupils learn more effectively by teaching each other?

### Peer Teaching

Two methods used

1. Presentation to whole class using acetate
2. Pair to pair in a circus

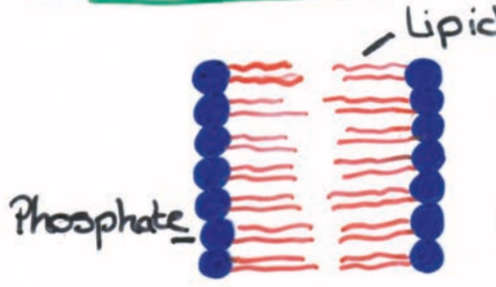
### What Happened?

1. The students (in pairs) were given a list of sub topics within *Cell Ultra structure*. They were given resources, acetates, markers etc. Each pair then gave a presentation to the class
2. Students were given a list of subtopics within *Cells, Tissues, Organs*, this time in advance of the class. Pairs circulated around the class, teaching each other and ticking off each topic when completed.

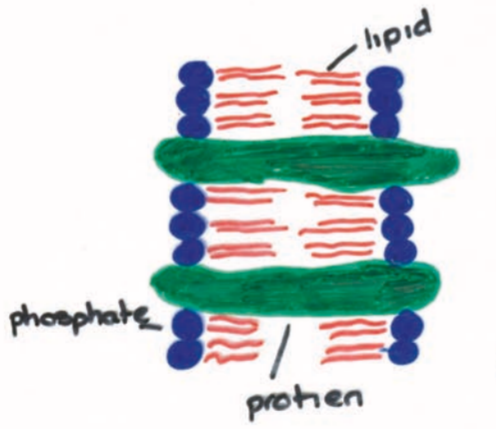
Cell Membrane

- ★ A membrane is the wall that surrounds the cell and keeps in the cell contents.

★ Structures ★



- ★ A cell membrane is made up of Phospholipids and proteins.
- ★ The phosphate head is hydrophilic molecule, meaning it likes water. The phosphate head is on the outside of the structure.
- ★ The lipids are hydrophobic. They are on the inside of the wall of phosphate, away from the water.



- ★ The protein molecules lie between the phosphate bilayer
- ★ The protein molecules allow other molecules to pass in and out of the cell.
- ★ The cell membrane measures 6 nanometres (nm).

### CONCLUSION

Teaching others is an effective means of learning

However, this would need to be combined with other strategies, such as preparing exam questions, to ensure complete learning of all topics.

### STUDENT OPINION

- They really enjoyed the process
- Preferred the presentations
- Preferred to have the topic in advance of the class

### TEACHER OPINION

Some of the presentations were excellent, showing a good understanding of the topic

When quizzed on both topics each student had excellent knowledge of their "own" topic, but were not very clear on the rest.