

Name _____ Class _____ Date _____

Your teacher may watch to see if you can:

- use a microscope correctly
- use equipment safely and carefully.

Aim

To examine some of your cells.

Prediction

A prediction is what you think you will find.

1 **L6 a** Draw a picture of what you think you will find.

L6 b Why do you think you will see this? _____

Method

Apparatus

- coverslip
- stain (e.g. methylene blue)
- pipette
- slide
- microscope
- cotton bud

! Be careful with stains – they stain skin and clothes!
Place all used cotton buds, slides, etc., into the place your teacher shows you.

A Take a cotton bud and place it against the inside of your cheek. Then take it out of your mouth.



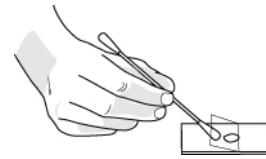
B Put a drop of stain on a slide.



C Dip the end of the cotton bud into the stain and stir gently.



D Place a coverslip on the edge of the pool of stain, lowering it gently into place using the cotton bud.



E Observe your cells under a microscope.

Recording your results

2 **L5-6** Draw a picture of what you see in the space below. Add labels if you can.

Considering your results/Conclusion

3 **L5 a** What did you see using the microscope? _____

L5 b Was this what you expected to see? _____

L5 c If not, how was it different? _____

I can...

- make a prediction using scientific ideas
- use a microscope to examine tissues
- recall the parts of cells
- record results clearly
- draw a conclusion.