**Preparing a Hanging Drop HELP CARD**

**Materials**

Microscope Lens tissue

Pipette Blu-takTM

Paper towels Two glass slides

**Method**

1. Clean two glass slides by rubbing each of them gently with a piece of lens tissue. Do not throw away the lens tissue.
2. Stick two small pieces of blu-takTM on one slide, about 2 cm apart.
3. Gently swirl the flask to mix the contents. Using a pipette, draw up some of the algal suspension.
4. Place a single drop of the liquid from the pipette in the middle of the second glass slide.
5. Working as quickly as you can, turn the slide over so that the drop hangs down from the slide.
6. Place the slide over the first slide and stick it down on the blu-takTM.
7. The hanging drop should hang between the two slides without touching the bottom one.
8. You are now ready to observe the algae under the microscope. Start with the x10 objective lens.
9. When you are finished observing the algae, the pipettes and slides should be placed in a discard jar.