

Reading instructions

Name _____ Date _____

How to use a glass bead steriliser

Small instruments such as scissors and tweezers are placed into the glass beads and are sterilised within 10-60 seconds. The instruments will cool down to working temperatures with 30-60 seconds. These units kill most major classes of fungi, bacteria, and viruses.

THIS UNIT IS FOR THE STERILISATION OF METAL INSTRUMENTS ONLY!

1. Fill the well with the glass beads from the bead packet. Using the funnel when pouring the beads will help prevent them from spilling into the steriliser housing.
2. Plug the steriliser into an acceptable electrical outlet and turn the steriliser power switch on. Allow approximately 20 minutes to heat up. The glass beads will reach a temperature of approximately 250°C. The unit is controlled by a thermostat, which continuously cycles the heater on and off producing a uniform heat. However, the thermometer on the front of the unit will fluctuate with the on/off cycles.
3. Insert clean, dry instruments into the glass beads for 10-15 seconds. Only the part of the instrument touching the glass beads will be sterilised. **DO NOT LEAVE THE INSTRUMENTS INSERTED IN THE GLASS BEADS FOR MORE THAN ONE MINUTE.**
4. Instruments should be wiped free of culture medium prior to reinsertion into the glass beads. This will ensure proper sterilisation of the instruments and extend the life of the glass beads.
5. The steriliser can be left on all day without the outside portions of the unit becoming hot.
6. When you have finished with the steriliser for the day, turn off the power switch.

REPLACING GLASS BEADS

With constant daily use the glass beads will last about one month. The glass beads should be cool before pouring them in a glass recycling or waste container. Refill the bead well with replacement glass beads (Product No. S 638).

Web Site: www.phytotechlab.com



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Questions:

1. How long does it take to sterilise a pair of scissors?
2. After they have been sterilised why can't you use them immediately?
3. Name 2 pieces of salon equipment that you could not put in the steriliser
4. Why is it a good idea to use the funnel when filling the bead well?
5. How long does it take to heat up?
6. What can you do to make the glass beads last longer?
7. Name 3 health hazards that the steriliser can help to eradicate.
8. Is there a risk of the steriliser overheating?
9. Why is it important to make sure the beads are cool before changing them?

How does the layout help you to understand the text?

Why is it appropriate for the type of text?

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Glass bead steriliser

Mapping and teaching notes



Level 1 Functional Skills English mapping

Coverage and range statements provide an indication of the type of content candidates are expected to apply in functional contexts. Relevant content can also be drawn from equivalent (school) National Curriculum levels and the Adult Literacy standards.

✓ indicates the main coverage and range skills that are (or can be) covered in this resource. However, these will vary with the student group and how the resource is used by the teacher.

Reference: Ofqual (2009), *Functional Skills criteria for English: Entry 1, Entry 2, Entry 3, level 1 and level 2*. <http://www.ofqual.gov.uk/>

Level 1 Reading Read and understand a range of straightforward texts skill standard:

Coverage and range statements

- a) Identify the main points and ideas and how they are presented in a variety of texts ✓
- b) Read and understand texts in detail ✓
- c) Utilise information contained in texts ✓
- d) Identify suitable responses to texts ✓

Level 2 Reading Select, read, understand and compare texts and use them to skill standard: gather information, ideas, arguments and opinions

Coverage and range statements

- a) Select and use different types of texts to obtain and utilise relevant information
- b) Read and summarise, succinctly, information/ideas from different sources
- c) Identify the purposes of texts and comment on how meaning is conveyed ✓
- d) Detect point of view, implicit meaning and/or bias
- e) Analyse texts in relation to audience needs and consider suitable responses ✓

**Also covers many adult literacy curriculum <http://www.excellencegateway.org.uk/sflcurriculum> elements.