

Safety advice

Year 7, unit 1: Mixing and separating

During all the investigations students should wear an apron or some type of covering to protect their clothes.

Ensure students know clear water is not necessarily clean water.

Lesson 1: making sherbet

- Ensure students wash their hands before beginning.
- Check for student allergies to any of the ingredients.
- Do NOT conduct in a science laboratory.
- Be careful contamination of ingredients does not occur.

Lesson 2: separating a mixture of beans, rice and flour

- Check for student allergies to any of the ingredients.
- Emphasis that ingredients are NOT to be ingested.

Lesson 3: investigating distillation and filtration

- Ensure students do not drink water samples.
- Salt water can sting if it gets in eyes or cuts.

Lesson 4: see for yourself how filtration works

- Ensure students do not drink water samples.

Lesson 5: water filtration

- Do not let the students drink the filtered water although it may appear clean it can still contain dissolved contaminants and microorganisms.
- Check MSDS for alum.