



Stand on any beach and you realise that there is no shortage of water. Desalination is a proven, sustainable and affordable technology that converts this supply for potable use.

The Desal Discovery Centre will provide a hands-on education experience while exploring the science of the desalination process.

Its location alongside the NCEDA's pilot testing facility will also give visiting students exposure to a part of the research process that sees projects progress from the lab through to commercial application.

At a Desal Discovery Centre school visit, your students will explore the fascinating world of desalination and will enjoy:

- A 3D movie on the desalination process that follows the journey of a water drop, Crystal, through the desalination process on her way to becoming Crystal Clear;
- A walk through the Rockingham Desalination Research Facility;
- Edulab activities and experiments;
- Tastings of different types of water;
- Cutaways and samples from industry; and
- An opportunity to have all their questions answered.

Topics that will be covered include:

- Diffusion and osmosis;
- The desalination process;
- Water security – what is it?;
- Australia's 'Big 6' desalination plants;

- Intakes and outfalls;
- Membranes;
- Filtration – UF, MF, media, cartridge;
- Water sources and supply;
- Dollars and sense;
- Where to now?

Visits can be tailored in consultation with teachers to meet their needs, the school's curriculum and the points of interest for students.

The Desal Discovery Centre can accommodate students of all ages.

For more information and to book your school visit, contact:

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