

Lesson: Life of a Lobster

Phase of learning

Senior Secondary (Years 11-12)

WA Curriculum

K-10 Science

Region

North Coast, Gascoyne Coast, West Coast, South Coast, Indian Ocean Territories

Summary

Students will gain an understanding of the Western rock lobster life cycle.

Outcomes

- Students will gain an understanding of the Western Rock Lobster life cycle.
- Students will identify some external influences on the Western rock lobster life cycle.

Duration

45 minutes

Preparation

Students will require a copy of Student Worksheet: [Lobster Life Cycle](#) and the Fact Sheet: [Western rock lobster](#) or Poster: [Western rock lobster life cycle](#).

Background information about the Western rock lobster fishery can be found in the Fact Sheet: [Western rock lobster](#)

Steps

1. Discuss with your students the Western rock lobster fishery in Western Australia. Points for discussion include:
 - It is both a commercial and recreational fishery – what do each of these mean?
 - It is the most valuable single species fishery in Australia.
 - Regulations include – licenses, seasons, size limits, bag limits (recreational), total allowable catch (commercial), protection of breeding females, gear restrictions.

2. Distribute Student Worksheet: [Lobster Life Cycle](#) to students and allow time to complete.
3. Engage students in discussion about the lobster life cycle and what this might mean for the fishery.

Related resources

[Fact Sheet: Western Rock Lobster](#)

[Poster: Western Rock Lobster Life Cycle](#)

[Student Worksheet: Lobster Life Cycle](#)

Keywords

Biomass, catch returns, input, controls, IFM, MFL, MSC, output controls, phyllosoma, puerulus, quota, recruitment, reds, setose, stock, tar spot, TAC, TACC, TARC, whites, rock lobster, crayfish, western rock lobster