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This online resource gives comprehensive coverage of Earth's global systems.

The resource is a fully self-contained series of lessons concerning global systems including: the biosphere, the hydrosphere, the cryosphere, and the carbon cycle.

Four units illustrate a sequence for learning science concepts through data analysis activities, satellite imagery and computer visualisations, as well as hands-on experiments that illustrate processes of our Earth system.

The resource has the flexibility for students to select and focus on the elaborations that most interest them. The website also includes a glossary to help scaffold understanding and students should be encouraged to make use of this.

This is an education resource developed for US schools, however, there is high relevance to the Australian Curriculum course with this content.

Australian Curriculum v9 Codes: AC9S10U04 (Year 10)

Tags:

data analysis

visualisations

biosphere

hydrosphere

pedosphere

climate change

External Link:

Earth Labs

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