

Expt. 1 – Seismic Exploration - Sounding for Oil

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| SCN 1-04a / SCN 2-04b | Sciences: Planet Earth: Energy sources and sustainability |
| SCN 0-11a | Sciences: Forces, electricity and waves: Vibrations and waves |
| TCH 0-01a / TCH 2-01a / TCH 2-01b | Technologies: Technological developments in society |
| MNU 2-09c | Mathematics: Number, money and measure: Money |
| MNU 1-11b / 2-11b | Mathematics: Number, money and measure: Measurement |
| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |
| MNU 1-22a | Mathematics: Information handling: Ideas of chance and uncertainty |

Expt. 2 – Core Sampling & Contour Maps

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| SCN 2-17a | Sciences: Materials: Earth's materials |
| SCN 2-20a | Sciences: Topical Science |
| TCH 0-01a / TCH 1-01a | Technologies: Technological developments in society |
| TCH 1-14a / TCH 2-14a / TCH 2-15a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| MTH 2-16b / 2-16c | Mathematics: Shape, position and movement: Properties of 2D shapes and 3D objects |

Expt. 3 – Rock Analysis Porosity & Absorbency

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| SCN 2-17a / 3-17a | Sciences: Materials: Earth's materials |
| TCH 2-13a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| MNU 1-03a | Mathematics: Number, money and measure: Number and number processes |

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| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |
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Expt. 4 – Rock Analysis: Permeability

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| SCN 2-17a / 3-17a | Sciences: Materials: Earth's materials |
| TCH 2-13a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| MNU 1-03a | Mathematics: Number, money and measure: Number and number processes |
| MNU 2-10b | Mathematics: Number, money and measure: Time |
| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |

Expt. 5 – Mineral Analysis Test Kit

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| SCN 2-17a / 3-17a | Sciences: Materials: Earth's materials |
| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |

Expt. 6 – Subsea Exploration – MadLab ROV

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| SCN 2-09a | Sciences: Forces, electricity and waves: Electricity |
| TCH 0-01a / TCH 1-01a TCH 2-01b | Technologies: Technological developments in society |
| TCH 2-12a / TCH 3-12a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| TCH 2-13a / TCH 3-13a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |

Expt. 7 – Crude Oil Analysis - Viscosity

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| SCN 2-08a | Sciences: Forces, electricity and waves: Forces |
| SCN 2-17a | Sciences: Materials: Earth's materials |
| SCN 4-17a | Sciences: Materials: Earth's materials |
| TCH 1-13a / TCH 2-13a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| MNU 2-10b | Mathematics: Number, money and measure: Time |
| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |

Expt. 8 – Products made from Oil – Make bio-plastic

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| SCN 2-15a / 2-16a | Sciences: Materials: Properties and uses of substances |
| SCN 2-17a / 4-17a | Sciences: Materials: Earth's materials |
| SCN 2-19a | Sciences: Materials: Chemical changes |
| TCH 2-01b | Technologies: Technological developments in society |
| TCH 2-12a / TCH 3-12a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |
| MNU 1-01a | Mathematics: Number, money and measure: Estimation and rounding |
| MNU 1-20b / 2-20b MTH 1-21a / 2-21a | Mathematics: Information handling: Data and analysis |

Project Showcase: Investigation Portfolio and Model Oil Platform

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| EXA 1-02a / EXA 2-02a EXA 1-03a / EXA 2-03a EXA 2-04a EXA 1-06a / 2-06a | Expressive Arts: Art and Design |
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| HWB 1-12a / 2-12a | Health and Wellbeing: Mental, emotional, social, and physical wellbeing: Social Wellbeing |
| LIT 2-02a | Literacy and English: Listening and Talking: Tools for listening and talking |
| LIT 2-04a / 2-05a / 2-06a | Literacy and English: Listening and Talking: Finding and using information |
| LIT 1-07a / 2-07a | Literacy and English: Listening and Talking: Understanding, analysing and evaluating |
| LIT 1-09a / 2-09a LIT 1-10a / 2-10a / 3-10a | Literacy and English: Listening and Talking: Creating Texts |
| LIT 1-15a / 2-15a | Literacy and English: Reading: Finding and using information |
| LIT 1-16a / 2-16a ENG 1-17a / 2-17a | Literacy and English: Reading: Understanding, analysing and evaluating |
| LIT 1-20a / LIT 2-20a | Literacy and English: Writing: Enjoyment and choice |
| LIT 1-22a / LIT 2-22a LIT 1-23a / LIT 2-23a LIT 1-24a / 2-24a | Literacy and English: Writing: Tools for writing |
| LIT 1-25a / LIT 2-25a LIT 1-26a / LIT 2-26a | Literacy and English: Writing: Organising and using information |
| LIT 1-28a / LIT 1-29a LIT 1-31a / LIT 2-31a | Literacy and English: Writing: Creating Texts |
| MNU 1-20a / 1-20b MNU 2-20a / 2-20b MTH 1-21a | Mathematics: Information handling: Data and analysis |
| SCN 1-20a / 2-20a / 2-20b | Sciences: Topical Science |
| TCH 2-01a / TCH 3-01a | Technologies: Technological developments in society |

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| TCH 1-03b / TCH 2-03b TCH 1-04b / TCH 2-04b | Technologies: ICT to enhance learning |
| TCH 1-12a / 2-12a / 3-12a TCH 1-14a / 2-14a TCH 1-14b / 2-14b TCH 1-15a / 2-15a | Technologies: Craft, design, engineering and graphics contexts for developing technological skills and knowledge |