# Supplementary Material

Supplemental Table 1. Dream Project Activities associated with each week

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| **Week** | **Topic** | **Assignment** | **Dream Project Activity** |
| Week 0 | Kickoff & Introductions | Introductory activities to COBRA and each otherComplete a pre-course assessment survey |  |
| Week 1 | Deep-sea Assets | In pairs, research capabilities of and access to vessels and DSVs at two research organizations worldwide |  |
| Week 2 | Funding & Proposals |  | Overview: project title, big picture problem, three specific objectives, assets needed, team required, and timeline |
| Week 3 | Respectful Concept Development | Watch video on planning an extreme overland adventure expedition | Objective 1: hypothesis, location, samples and analysis needed, expected significance, expertise required |
| Week 4 | Pre-expedition Planning |  | Work on Objective 2 |
| Week 5 | At-sea Operations | Complete a check-in form to assess how the ECR Master Class is goingWatch videos on preparing ROVs and HOVs for deep-sea research | Continue working on overview and Objectives 1 & 2 |
| Week 6 | Telepresence | Register to be a Nautilus Scientist Ashore and watch scientist ashore video |  |
| Week 7 | Unwritten Rules | Read about naming bathymetric features (REF?) | Work on Objective 3 |
| Week 8 | Intro to Deep Data | Download and install GeoMapApp |  |
| Week 9 | DMP to Cruise Report | Register for DMPToolReadings on DMPs | Finish preparing list of data that was begun in Week 8, inlcuding finding multibeam bathymetry data and one other type of data from a public repository for area of interest |
| Week 10 | Education & Outreach |  | Draft one paragraph on your education, public outreach, and/or communication approachAdd a map to your Dream Project prospectus |
| Week 11 | International Ocean Law |  | Complete the Application for Consent to Conduct Marine Scientific Research table for your area of interest, or another area if yours is not in another country's jurisdiction |
| Week 12 | Team Science | Complete a post-course assessment survey |  |
| Week 13 | On the Horizon | Come prepared to share feedback about how you think the Master Class went, and your readiness to lead a deep-sea research expedition. | Prepare 3-slide / 3 minute overview about your Dream Project or prepare a presentation on any aspect of the class that you want |