Digital Literacy for Research

Scientific Computing

- Automation and scale
- Basic scripting
- Command Line Interface
- Unit tests
- HPC
- Reproducible workflows

Communication

- Digital forums
- Computer graphics
- Slide presentation
- Info vis
- Sharing (how/when)

Community and Identity

- ORCID
- Ethics
- Attribution
- Metrics
- Online presence

Data Management

- Planning
- Versioning
- Metadata
- Storage and hosting
- Open formats
- Licensing
- Note keeping
- Structured data

Digital Publishing

- Copyright and licensing
- Open access
- Peer review
- Bibliographic tools

Collaboration

- Collaborative groupware
- Project management
- Wikis, digital forums, other channels
- GitHub, Authorea etc..