| Week/Day | Presentations | Lecture videos | Activities |
| --- | --- | --- | --- |
| Week 1 | [Syllabus](https://ggcedu-my.sharepoint.com/:b:/g/personal/qshao_ggc_edu/IQAUvhnNZd_TRIoSDmWNjHVYAcT7iDTdPvo_xmA-2mUHlm8?e=9LXpZQ) |  |  |
| Week 2 | [Chapter 1](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQDIEN9ltu_HTZ2vfhyjKCa3AX6grXpW3Rq_623w7ZjnKiE?e=XxHtON) [Chapter 2](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQA0qGN_s6IzTqgQE02xB-7eASIb8nnjDP8EKV1mWrqTWjM?e=GvUaH9) | [Science and the Universe](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_wi9k53ko/flavorId/1_2p56nnhx/format/url/protocol/http/a.mp4), [Observing the Sky](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_f92wkhcb/flavorId/1_ua6qqgqi/format/url/protocol/http/a.mp4) | [What Does It Mean To Make A Measurement v2.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQBq8YU6curwQr8P1HxPw5NdAXryBs6snO9zqHTFhnsV3lE?e=SePQPc) |
| Week 3 | [Chapter 3](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQABhw9wvczGRZFOOsJJHWf2AcRHisfe7k68tMSvn3wR6Tg?e=jtS0iF) [Chapter 4](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQAuvaX3c4mURIyWB3iepp4JAXTEBesZPYHgutILMchASL0?e=i5eaap) | [Orbits and Gravity](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_h0sq66l7/flavorId/1_ipm5bnev/format/url/protocol/http/a.mp4), [Earth Moon, and Sky](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_5ecj2z2j/flavorId/1_ws8s95z1/format/url/protocol/http/a.mp4) | [How do planets really move.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQDppSubwt3YQLAzdsZjJpjyAdPVcvaCdIcGPq74F3WJSYo?e=kNXEgh)  [how do things move in the sky.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQDDrjYl7gwjSISPebqXsQ1LASjdZfyG-fJg0dpn-wmLFho?e=aQEyKw)  [PhasesoftheMoon.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQAd6j5LdcRoRLmjNg6bFnsIAQDJtvJfOCdCb6e_S5TaXlo?e=8zEtH2) |
| Week 4 | [Chapter 5](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQD5Uz868ielTLN79FmxB98sAc3vfLjwdpfw7RYdS5b7aXk?e=6jnAU6) [Chapter 6](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQDftAmwyEEuQohAEmz_WKYOAeztKKggcoOzds_PqAJEIcw?e=P1DDEr) | [Radiation](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_a9vdiwzo/flavorId/1_fw0lzsq2/format/url/protocol/http/a.mp4), [Telescope](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_nl9okd84/flavorId/1_l0c7fupw/format/url/protocol/http/a.mp4) | [how hot are stars and planets.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQAuC8YjzXQgR5fRx86W6NjfAaLIgdRnz7cTf0fAb7B_yRY?e=wvNPyN) |
| Week 5 | [Chapter 7](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQDe49BWxThCQZ9rOIuE3yXwAStkBdsmwYhOHFM7q7ILAoc?e=yqtmiU) | [Introduction to the Solar System](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_j4ok4aev/flavorId/1_pmhm9py7/format/url/protocol/http/a.mp4) | [A Solar system Walk.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQA_izikXcDOTLF1RQYiM39jATI0JnARDlqZCaD2iUCRmA0?e=e1xS1L)  [A scale model of the solar system.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQDNlI6-Lss7Srs_PBW46OI-AU6ExQwgAZnVXuJDdTiYaz8?e=53WCLs) |
| Week 6 | [Chapter 8](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQDMJhDpLfFrRZHItMo0OCdaAePfjv8U233dYa-LRpgeGOg?e=omZTJt) | [Earth](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_3lt4llde/flavorId/1_lwb9dv4w/format/url/protocol/http/a.mp4) | [Earth's Gravity.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQD1bE4PdetlQb2xSlMJ-RTfAdBxklYAxmJn6t2mmqpFH14?e=P47c8B)  [Greenhouse Gases and Their Effect on Earth's Climate.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQAxdleGKU5VQKQ41d7VIpfPAYHd5Ef9wD61YFgSt8__tV4?e=ftvCKB) |
| Week 7 | Midterm | Midterm Exams |  |
| Week 8 | [Chapter 9](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQCXWFlBHxNoRKczHj0i7zY0AXlyFulHEqhv8kRCowsfpcU?e=mJ18kj) | [Moon and Mercury](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_8cwbq85z/flavorId/1_8d9369xe/format/url/protocol/http/a.mp4) | [Atmospheric Retention.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQAZ1llWuGNrSIvXa-t70bOLASvqMzZ90vodeAO5wf1gBTw?e=OqR8ui) |
| Week 9 | [Chapter 10](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQD2M77xjA18TLF_lMTvPfF-AW-aXqprh6nfUkN7yDIZgrw?e=zeEsyd) | [Venus and Mars](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_k3rkaen1/flavorId/1_w4g6s4jh/format/url/protocol/http/a.mp4) | [Planetary Geology.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQA6Gg698h0-TJLwgPO2TqzrATsQr2tsksuKM_DfNutzGds?e=dahcma) |
| Week 10 | [Chapter 11](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQADLAhDWUjxRaw-gWa57JwXAbGAuiZW88DGOCeIgP9tME8?e=6Kw8fl) | [The Giant Planets](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_jw3ocnbk/flavorId/1_fo7ff8ge/format/url/protocol/http/a.mp4) |  |
| Week 11 | [Chapter 12](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQD0bQUMoAEAQKeBtU67g5wlAS2ldaRPFMi9BRcW2hI-Kcs?e=Du201E) | [Rings, Moons, and Pluto](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_ikre5ioj/flavorId/1_w9fl6uyn/format/url/protocol/http/a.mp4) | [The Size of Things.docx](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQAOquWL6X09TpwY5RUN7KiFARyqaM8UaqWo2jYbgqAr9hg?e=Zlg4uc) |
| Week 12 | [Chapter 13](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQD6cUXmLEelSLPt1oiP7TdiAch1nMhoeMg1MP2wr7lWNjE?e=AsBgyA) | [Comets and Asteroids](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_b9spfbi4/flavorId/1_0jz53j87/format/url/protocol/http/a.mp4) |  |
| Week 13 | [Chapter 14](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQCsmBoV0RptSIRs7EJB9RLlAVj6pu58aKXJAPKffULu0sQ?e=ybzBdm) | [The Origin of the Solar System](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_cfkis3fp/flavorId/1_qytca5fc/format/url/protocol/http/a.mp4) |  |
| Week 14 | [Chapter 30](https://ggcedu-my.sharepoint.com/:p:/g/personal/qshao_ggc_edu/IQDMm_vI0F1fSo4wj7bM-ggMAStIh5a0Qp59Oeom4pN_XBw?e=qZ3vKe) | [Life in the Universe](http://cdnbakmi.kaltura.com/p/2022371/sp/202237100/playManifest/entryId/1_bv0yd2uz/flavorId/1_mc033w9q/format/url/protocol/http/a.mp4) |  |
| Week 15 | [Final Project](https://ggcedu-my.sharepoint.com/:w:/g/personal/qshao_ggc_edu/IQCVUXHjjNYORr--ginXhyU_AUttu1dYltW4iSLR6MIU6mI?e=7s0igW) | Project presentation |  |