

May Session

Main Topic	Ideas that STEM from topic
Education	<ul style="list-style-type: none"> ➤ Artificial Intelligence ➤ Importance of education to future success ➤ Saturn ➤ Gravity ➤ Survival – What does it mean to survive? What are the various ways that people can survive? How have the youth aboard Galahad been set up to survive? What might prevent their survival? Do you think they can ensure the survival of the human race? Why or why not? How did everyone who worked on Galahad try to equip these youth with the knowledge and materials they'll need to survive? ➤ Currency ➤ Planets in our solar system ➤ Brain/amygdala ➤ Early explorers ➤ Robotics ➤ Comets ➤ Earth ➤ Intelligence – All of the youth chosen for the mission are chosen, in part, because of their intelligence. However, we're also forced to grapple with Roc's intelligence. Is Roc truly intelligent? Why or why not? What does it mean to be intelligent, and what types of intelligence are there? Do all of the youth demonstrate equal levels of various intelligences? ➤ Getting older/ hormones
Conflict/Problem Solving	<ul style="list-style-type: none"> ➤ How do you handle disagreements? ➤ How do you act when there are two sides to an issue? ➤ Illness ➤ Earth ➤ Seeing on your own for the first time ➤ Stranded on a small boat ➤ Betrayal – There are large and small examples of betrayal in the book. The largest is Fenton Bauer's betrayal of everyone's trust, as an undercover dissenter of the mission bent on destroying it from the inside. An example of a small betrayal might be when Tree holds Bon's hand. How can betrayal impact relationships? How do you imagine it will impact the overall mission? ➤ Loss – We understand that the characters experience significant loss – of their families, of their Earth lives, and of their friends (as they leave any friends behind). In what other ways do characters experience loss? What loss have you experienced, and what reactions have you had? Do we see any of the characters exhibiting these reactions? ➤ Currency ➤ What would be your roll at Gallahad? ➤ Dealing with major changes in life
STEM	<ul style="list-style-type: none"> ➤ Planets in our solar system ➤ Genetic Screening ➤ Microscopic particles ➤ Engineering ➤ Communication with technology ➤ Planets that support life ➤ Checklist for a trip or a spaceship

	<ul style="list-style-type: none"> ➤ Astronomy ➤ Robotics ➤ Early Explorers ➤ Predicting future computer intelligence ➤ Microbiology ➤ Programming a computer – What would it do? Why? How? ➤ Survival – What does it mean to survive? What are the various ways that people can survive? How have the youth aboard Galahad been set up to survive? What might prevent their survival? Do you think they can ensure the survival of the human race? Why or why not? How did everyone who worked on Galahad try to equip these youth with the knowledge and materials they’ll need to survive? ➤ What type of planet might they find? ➤ Building a new civilization – What would you need, What knowledge would you need to have?
Communication	<ul style="list-style-type: none"> ➤ Role that you play in a group ➤ Honesty ➤ Nicknames ➤ Stranded on a small ship ➤ Being skeptical to new ideas ➤ Artificial intelligence ➤ Journaling ➤ Communication with technology ➤ What would be your role at Gallahad? ➤ How do you handle disagreements?
Leadership/Integrity	<ul style="list-style-type: none"> ➤ Building a new civilization – What would you need, what knowledge would you need to have? ➤ Mentorship ➤ Leadership ➤ Integrity ➤ Courageousness ➤ Being on your own for the first time ➤ Personal skill set ➤ Role that you play in a group ➤ Who are some important mentors you’ve known in your life? ➤ Leadership – Tree, in particular, is asked to take on a leadership role. What are some leadership qualities Tree exhibits? What leadership qualities do other members of the Council exhibit, and how do this balance or enhance Tree’s leadership qualities?
Fitness/Health	<ul style="list-style-type: none"> ➤ Soccer ➤ Space ➤ How do you act when there are two sides of an issue? ➤ Astronomy ➤ What sports might people play in the future? ➤ Illness ➤ Importance of staying fit/ healthy ➤ Personal skill set ➤ Getting older/ hormones ➤ Genetic screening ➤ Fear

Main Topic	Inside Activities	Outside Activities	Quick/Transitional Activities	On-going/Skill Building
Education	<ul style="list-style-type: none"> ➤ Read aloud ➤ Quiet reading ➤ Vocab games ➤ Journaling ➤ Art ➤ Design a Spaceship ➤ Research requirements for living conditions ➤ Horse with planet names 	<ul style="list-style-type: none"> ➤ Relay- vocab, characters, etc. ➤ Planet tag ➤ Scavenger hunt- items in a planet ➤ Resource collection 	<ul style="list-style-type: none"> ➤ Trivia ➤ Spelling ➤ I spy ➤ Alphabet line up 	<ul style="list-style-type: none"> ➤ Dioramas for scavenger hunt ➤ Debate about survival priorities ➤ Council meetings/ build council ➤ Election of leaders
Conflict/Problem Solving	<ul style="list-style-type: none"> ➤ Survival Skills/ top 5 items ➤ Role playing ➤ Survival challenge ➤ Student Council 	<ul style="list-style-type: none"> ➤ Human Knot ➤ Obstacle Courses ➤ Treasure hunt/ riddles 	<ul style="list-style-type: none"> ➤ Follow the leader ➤ Shooter/ tallest ➤ Birthdays 	<ul style="list-style-type: none"> ➤ Student Council ➤ Debate ➤ Survival Challenge
STEM	<ul style="list-style-type: none"> ➤ Solar Systems Models ➤ Hovercrafts ➤ Robot building with scraps ➤ Utopia building ➤ Tinfoil boats ➤ Microscopes ➤ Balloon Math ➤ Rockets ➤ Binary Code breaking 	<ul style="list-style-type: none"> ➤ Envelope Activity (textures) ➤ Tinfoil Boats ➤ Balloon Math ➤ Rockets 	<ul style="list-style-type: none"> ➤ Oobleck (book) (measuring + math) ➤ Planet (order sun/size) 	<ul style="list-style-type: none"> ➤ Oobleck (measuring + math) ➤ Utopia building ➤ Microscopes → Cells ➤ Planetarium ➤ Binary Code breaking
Communication	<ul style="list-style-type: none"> ➤ Build a cardboard ship ➤ Make a paper cup phone ➤ Journaling ➤ AI ➤ Group agreements 	<ul style="list-style-type: none"> ➤ Journaling ➤ Marco Polo ➤ Role play/ theater 	<ul style="list-style-type: none"> ➤ Telephone Game ➤ Name game ➤ Headbands game ➤ 2 truths and a lie ➤ Group agreements 	<ul style="list-style-type: none"> ➤ Journaling ➤ Forms of communication ➤ Blog writing/ storybird.com ➤ Head bands ➤ Role playing theater ➤ A.I.
Fitness/Health	<ul style="list-style-type: none"> ➤ Anatomy function games ➤ Space food? ➤ Space tag ➤ Science experiments ➤ Journaling/writing prompts ➤ HIIT ➤ Mock quidditch game 	<ul style="list-style-type: none"> ➤ Relay ➤ Swimming Training ➤ Obstacle Course ➤ Astronaut physical training 	<ul style="list-style-type: none"> ➤ Space trivia ➤ Health trivia ➤ Walk like you're on _____ ? 	<ul style="list-style-type: none"> ➤ Cooking/healthy food making ➤ Gardening ➤ Planting
Leadership/Integrity	<ul style="list-style-type: none"> ➤ Story prompts ➤ Role play ➤ Community up-building from recycle ➤ Create group agreement 	<ul style="list-style-type: none"> ➤ Student lead warm- up pregame ➤ Co-op games- i.e moon ball ➤ Nature hunt 	<ul style="list-style-type: none"> ➤ Student lead transition 	<ul style="list-style-type: none"> ➤ Grouping older students with younger ➤ Camper of day or week ➤ Youth plan