Goals of Kochavim Yom Space:

* Fun, Team-Building, Edah Cohesiveness
* Learn about space, our planets, and the earth
* Learning about creation in the Tanakh
* Learn about the star of David

Goals for the Day: Fun, Team Building,

Story of the day: They need to conquer the Ramah galaxy. Aliens (madrichim) are battling them for domination.

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| 7:10 | Kima |
| 7:45 | T’fillot - Magen David |
| 8:30 | Aruchat Boker |
| 9:15 | Nikayon (madrichim change into b’gadim r’gilim) |
| 10:00 | Perek א – Finish Magen David Activity, Break up into groups, learn about Yom, name games and icebreakers in groups. Etz Kochavim/Picnic Tables |
| 10:30 | Perek ב – Space themed Capture the Flag Upper Migrash |
| 11:30 | Perek ג -- Kochav Talk Mirpesset G’dolah (or 26) |
| 12:15 | Perek ד - Alien Performances Mirpesset G’doalah, give out streamers |
| 1:00 | Surprise Aruchat Tzhorayim “sneakout” |
| 2:15 | Menucha |
| 3:30 | Perek ה – Jeopardy - Classroom Next to Bishul Kitchen, give out markers and stickers |
| 4:30 | Perek ו – Create your own planet  Classroom Next to Bishul Kitchen, give out tape |
| 5:30 | Perek ז – Make your rocket (seems like a long time) - Mirpesset Hag’dolah |
| 6:10-45 | Aruchat Erev |
| 7:30 | Medura |

Magen David (t’fillah programming) -- Shara leads discussion/peulah

Goals: learn about magen david, get boxes for rocket

Magen David is a shield that represents all the directions that god protects us

Amidah question: what does it mean to feel safe?

Materials

* 5 large boxes
* Sheets of paper with questions

Perek A

Finish meginei david, split into groups, play small games (muffin, space-themed mafia, etc)

Active Games

Maybe a camper/staff portion?

The rest will be three teams v 2, the side with two teams gets extra madrichim

Aliens v. Humans: Capture the Flag, Sharks and minnows (maybe? If time)

Different rules: play a game with one hand on head, two hand touch tag, carry cups in mouth, no safe zone

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| Hook | Materials | Instructions |
| they need to conquer the galaxy to get parts for their rocket | 50ish Disposable cups for engines (they need to capture them?)  Cones for border  Hula Hoops for flag enclosure  3 Buckets with water | Divide the kids up into two teams of two or three groups each  The team with two groups gets extra madrichim  After each round we rotate the teams (10 minute rounds)  The goal is to get the water from the other team’s bucket to your bucket  You can only enter your own hula hoop to dump water into your bucket, otherwise its a safe zone |

Space Discussion:

Ilan Ramon -- Ofir leads discussion

Question

1. What can his story teach us?
2. Why is it important to remember Jewish figures?
3. How can we use his story to help us at camp?

Next: memory game

Make your own planet -- Andy (?) leads, everyone rotates to ensure cooperation

Instructions: build your planet in the order of the days of creation, we explain the important considerations for each day and they have to work in their groups to plan it out (but each kid makes their own plate)

Goals: fun and food, space knowledge, days of creation

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| Day | Materials | Instructions |
| Light/Dark | Chocolate and vanilla frosting | Choose light/dark parts |
| Land/Sea | Blue frosting, whoppers for mountains? | Where is the water, how does it affect ways of life? (for more mature kids only) |
| Greenery | Green Frosting, Mike & Ikes, other candies, pretzels | Where would certain plants like to grow? |
| Sun/Moon | Oreos | How much light do your plants need? |
| Animals | Fish sprinkles (rationed by madrichim, twizzlers for snakes, be creative | Where would these animals live? What do they look like? |
| People | Pretzels, other candies | Where would you live? Are you the leader/ruler of the planet? |
| Rest (eat!) | Duck Tape | Their last part to put their whole rocket together! |

Build a Rocket -- we need to change this -- everyone helps one group

Goals: **social engineering**, art, Hebrew,

Words to use: (rocket) חללית, כוכבים, (maybe make huge human sized rockets that they have to race)

Materials:

* 6 boxes
* Markers

Stuff from previous activities

* Cups
* Streamers
* Stickers
* tape

Instructions: they have to team up to build a rocket, more advanced teams should consider aerodynamics, rocket placement, cohesive decor

Space Improv Games!

Alien, Spaceship, or Astronaut:

We split up into our 5 teams. When I say go, everyone will become either an alien, spaceship or astronaut. The goal of the game is for everyone in the group to become the same object without talking or strategizing beforehand. Once a team does this successfully three times, they can get a rocket part and advance!

Alines hold their pointer fingers up to their forehead and say “zeeb, zeeb, zeeb.”

Spaceships put their hands together over their head and say “shalosh, shtayim, echad, lift off!”

Astronauts cup their hands around their faces like a space helmet and say “Space smells funny!”

Molding space objects:

In our groups of 5 plus one madrich, 3 people will sit on the ground to behave as clay  and 3 people will be the sculptors. The sculptors must “mold” their clay into a sculpture of a space object. Once they make their mold, they will present it to the group. After this, we will switch parts. Upon successfully completing the improv games, each team will get an object.

Space Objects:

UFO

Star

The Sun

Asteroid

Space Station

Comet

Life on a space station:

Each team will get a space station scenario that they have to act out. Whichever team gets the madrichim to laugh the most will win two parts, all others will win one part!

Scenario:

-Space Toilet Clogged

-Seeing awesome stars from the telescope

-Exercising in zero gravity

-Eating space food at the space diner table

-Space Walk