

# Period 1 Quiz

Total points 30/70 ?

Total correct score will be 40. Incorrect answers about a region that is not yours will not count against you.

Email \*

bob.ekman@att.net

0 of 0 points

✓ What is your Region? \*

- ☐ ECER
- ☒ Greater DC
- ☐ Idaho
- ☐ New England
- ☐ New Mexico
- ☐ New York/ New Jersey
- ☐ Northern California
- ☐ Oklahoma
- ☐ Palm Desert
- ☐ San Diego
- ☐ Texas



What is your team number? \*

160

European Conference on Educational Robotics

0 of 3 points

✗ When is your first documentation submission due? \*

0/1

1. 2/16/24
2. 2/23/24
3. 3/8/24
4. 3/15/24
5. 3/29/24

✗ When is your second documentation submission due? \*

0/1

1. 3/8/24
2. 3/15/24
3. 3/22/24
4. 3/29/24
5. 4/5/24
6. 4/12/24



✗ When is your third documentation submission due? \*

0/1

1. 3/29/24
2. 4/5/24
3. 4/12/24
4. 4/19/24
5. 4/26/24
6. 5/3/24

Greater DC Region

3 of 3 points

✓ When is your first documentation submission due? \*

1/1

1. 2/16/24
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5. 3/29/24



✓ When is your second documentation submission due? \*

1/1

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Idaho Region

0 of 3 points



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5. 4/26/24
6. 5/3/24

New England Region

0 of 3 points

✖ When is your first documentation submission due? \*

0/1

1. 2/16/24
2. 2/23/24
3. 3/1/24
4. 3/15/24
5. 3/29/24



✖ When is your second documentation submission due? \*

0/1

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2. 3/15/24
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5. 4/5/24
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New Mexico Region

0 of 3 points



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5. 3/29/24

✗ When is your second documentation submission due? \*

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New York/New Jersey Region

0 of 3 points

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5. 4/26/24
6. 5/3/24
7. 5/10/24

Northern California Region

0 of 3 points



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✗ When is your second documentation submission due? \*

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0/1

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Oklahoma Region

0 of 3 points

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✖ When is your third documentation submission due? \*

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Palm Desert Region

0 of 3 points



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San Diego Region

0 of 3 points

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0/1

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5. 3/15/24
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✗ When is your second documentation submission due? \*

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✗ When is your third documentation submission due? \*

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Texas Region

0 of 3 points





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5. 4/26/24

6. 5/3/24

Game Questions

27 of 37 points



✓ Select the 2024 Game Areas. \*

8/8

- |                                                          |   |
|----------------------------------------------------------|---|
| <input checked="" type="checkbox"/> Lava Tubes           | ✓ |
| <input checked="" type="checkbox"/> Flag Station         | ✓ |
| <input checked="" type="checkbox"/> Rock Heap            | ✓ |
| <input checked="" type="checkbox"/> Area 6               | ✓ |
| <input type="checkbox"/> Watch Floor                     |   |
| <input checked="" type="checkbox"/> Space Dock           | ✓ |
| <input checked="" type="checkbox"/> Air Lock             | ✓ |
| <input type="checkbox"/> Analysis Lab                    |   |
| <input checked="" type="checkbox"/> Large Rover Bay      | ✓ |
| <input checked="" type="checkbox"/> Habitat Construction | ✓ |
| <input checked="" type="checkbox"/> Roads                | ✓ |
| <input checked="" type="checkbox"/> Area 2               | ✓ |
| <input checked="" type="checkbox"/> Small Rover Bay      | ✓ |
| <input type="checkbox"/> Alarm                           |   |
| <input checked="" type="checkbox"/> Moon Base Platforms  | ✓ |
| <input checked="" type="checkbox"/> Space Dock Switch    | ✓ |
| <input checked="" type="checkbox"/> Lava Tube Area       | ✓ |
| <input checked="" type="checkbox"/> Area 3               | ✓ |
| <input checked="" type="checkbox"/> Moon Base            | ✓ |
| <input checked="" type="checkbox"/> Area 5               | ✓ |
| <input type="checkbox"/> Backup Storage Room             |   |



☐ Cybersecurity Lab☒ Moon Base Storage Docks☒ Solar Panel☒ Area 4☒ Area 1

✗ What is the total score when your team has the following pieces on the game board? \*0/1

**Area 3** - 1 food, 1 Astronaut

**Rock Heap** - Botguy, 1 Large Surface Station

7



Correct answer

12

✓ What do you do if you are unhappy or disagree with the score? \* 2/2

☒ Ask the judge to explain to you the score☐ Move game pieces on the game table☒ Show judges your own calculations☐ Leave☒ Call head judge over

✗ What is a spurious or irrelevant Challenge? \*

0/2

- ☐ Bending Metal Pieces
- ☒ Challenging a robot without going over to look at it while at the table ✓
- ☐ Too long of fishing line
- ☒ Too many LEGO pins on a robot ✓
- ☒ Too many screws on a robot ✓
- ☐ A team not having a template
- ☐ The number of servos on a robot
- ☐ The number of standoffs on the robot

Correct answer

- ☒ Too many screws on a robot
- ☒ A team not having a template
- ☒ Too many LEGO pins on a robot
- ☒ Challenging a robot without going over to look at it while at the table
- ☒ Too long of fishing line



✗ In Double Elimination rounds, if your team notices a score is posted wrong, what should the team do, and how long do they have to ask for a correction? \*0/2

- ☐ Inform a KIPR staff member
- ☒ Inform the head judge ✓
- ☒ Inform a judge ✗
- ☐ At the end of double elimination
- ☒ Before the start of the next round that begins as a result of that game ✓

Correct answer

- ☒ Inform a KIPR staff member
- ☒ Inform the head judge
- ☒ Before the start of the next round that begins as a result of that game



✓ What extra parts can teams use that are not supplied in the kit? Be specific. \*6/6

- ☐ PVC pipe
- ☐ 100 cm Wire
- ☒ Rolls of Coins ✓
- ☒ Supplied servo accessories (grommets, screws, washers, black servo horns) ✓
- ☐ #1 Rubber Bands
- ☒ #19 Rubber Bands ✓
- ☒ Copy paper ✓
- ☐ Tape for construction purposes
- ☒ 100 cm Fishing line ✓
- ☒ Paper Clips ✓
- ☒ Removable mounting dots or strips for construction purposes ✓
- ☒ 3/16" Foam Board ✓
- ☐ Cardboard



✗ In what circumstances may a team be asked to provide a template? \* 0/2

- ☒ If it looks like it may be close to an 8.5"x11" area ✓
- ☒ If the head judge requires it ✓
- ☒ In a challenge ✗
- ☐ Anytime

Correct answer

- ☒ If it looks like it may be close to an 8.5"x11" area
- ☒ If the head judge requires it

✓ Who can film your team's robot? Why or why not? \* 1/1

- ☐ Your team
- ☐ Other teams
- ☐ The audience
- ☐ Other coaches
- ☐ Other parents
- ☒ All of the above ✓





✗ What is the maximum score for any combination of poms and Botguy in the Small Rover Bay? \*0/2

125



Correct answer

130

✓ What is the maximum score available in the Moon Base Area? \* 2/2

825



✓ What is the total score when your team has the following game pieces on your side of the board? \*1/1

**Area 1** - 4 Fertilizers

**Rock Heap** - 2 lunar rocks

**Lava Tube Area** - 1 pc Equipment in Area

**Solar Panel** Flipped

132



✓ What is the total score when your team has the following game pieces on your side of the board? \*1/1

**Area 2** - 3 astronauts, 2 fertilizers, 1 fuel

**Area 4** - 3 lunar rocks

**Area 5** - 1 Astronaut

**Moon Base** - airlock open

**Habitat Construction** - 2 Noodles on 2 different posts.

67



✗ What is the total score when your team has the following game pieces on \*0/1 your side of the board?

**Area 3** - 5 Astronauts (1 on black tape)

**Area 4** - 3 Fuel, Botguy

**Large Rover Bay** - 1 Lava Tube Cap

**Moon Base** - 3 Mixed Ice, Air Lock Closed

370



Correct answer

535

✓ Where can the Lava Tube Cap be placed before the game starts? \* 1/1



Area 1



Small Rover Bay



Large Rover Bay



Area 2



Area 3



✓ What locations will the habitats be placed before the start of the game? \* 3/3

☒ Moonbase Storage Docks ✓

☐ Moonbase Platforms

☒ Storage Docks ✓

☒ Longest black tape edge of Small Rover Bay ✓

☐ Area 3

✓ Do teams have to provide a flag? \* 1/1

☒ Yes ✓

☐ No

✓ How does your team raise the flag? \* 1/1

☐ Manually

☐ Flipping the light switch on the Moon Base

☒ Pressing the touch sensor inside the tee of the Flag Station with an astronaut ✓

☐ It happens automatically

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