**KSU Agriculture Camp Survey Results**

**Lesson Assessment Pre/Post:**

**1. Describe your past outdoor experiences. Were they enjoyable?**

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| **Respondent #** | **Pre-Survey Response** | **Post-Survey Response** |
| 12 | Most of thime yes. | Most of the time yes. |
| 20 | I go fishing a lot so I’m used to nature and water animals! Also how to treat animals and nature well. | My experiences was fun, helpful and ecactde to my life and the earth! Yes today was enjoyable. |
| 21 | We went to a baking place were we got to make pancake batter, and went to a grain place and they were enjoyable. | We went to act, bake, play, and draw. |
| 27 | I’d just play out side and do camp. But after this a lot more. | It was very interesting and yes. |
| 11 | They were very good and bad. | They were very enjoyable. |
| 32 | I love the outdoors. I take every chance I get to be outdoors. | Yes. They were enjoyable. I enjoy being outside. |
| 13 | Yes. They were very enjoyable. | It was really fun I got to see flowers. I also got to grow flowers. |
| 26 | When I played football and ran 200 yards. | Football and we ran. |
| 38 | One day I went to a pond. And I herd some noises and those noises were frog noises.  | One day I went to a lake and I was fishing and I cot a fish and it was fun. |
| 10 | My past outdoor experiences were great. | My past outdoor experiences were fun. |
| 17 | Yes | Yes |
| 22 | Barbecue, basketball, volleyball, softball | Barbecue, basketball, volleyball, softball |
| 29 | Yes it was enjoyable. | Yea, but we loose. |
| 35 | For Nicodemus camps I’ve been canoeing, I’ve been fishing, I’ve also been camping. Yes they were excellent. I had a lot of fun.  | Camping, canoeing, exploring yes they were very fun I enjoyed every minute of it.  |
| 36 | I went camping with my aunt. We stayed in tents and we went swimming.  | I went outside and camped.  |
| 28 | My past outdoor experiences were and weren’t enjoyable.  | Yes. |
| 14 | When I went fishing that was fun even though I didn’t catch any fish. | When we went and gathered soil and toured howies that was an enjoyable experience.  |
| 30 | I have been canoeing and it was enjoyable.  | I have been canoeing and hiking. It was enjoyable.  |
| 18 | Fishing it was cool. | Play at park, make recycle plans. |
| 33 | I’ve done numerous things outdoors every time I had a great time.  | Yes, I have had lots of outdoor experiences it has been very fun. |
| 15 | Camping, fishing, they were enjoyable.  | Some of my experiences in the outdoors are camping, fishing, hiking, and canoeing, and they were enjoyable.  |
| 16 | Basketball camp, camping, canoeing, paintball war, hunting, fishing, barbecue | We did some soil test with 3 challenges which we completed successfully and we had a fun outdoor experience.  |

**2. In what ways does science impact your life?**

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| **Respondent #** | **Pre-Survey Response** | **Post-Survey Response** |
| 12 | Most of thime. | Most of the time |
| 20 | Science impact my life because how we use things on the earth and how to find resources. | It impacts my life because when we plant food there is bugs and it harms use. We need food to life own lifes. |
| 21 | It impacts my life in a good way. | It impacts my life good.  |
| 27 | It becomes useful. | Helpful, interesting, and educational. |
| 11 | To learn new things in science. | To learn new and old stuff. |
| 32 | Science impacts my life majorly. I plan on majoring in it. | Sciences impacts my life more then I thought, without it we would die. |
| 13 | Some of how people invent things. That’s why like science. | Without science we wouldn’t have phones or other things. |
| 26  | When we had science project. | A big difference. |
| 38 | It impacted my life by what an expeneans it was and it was amazing. | Because it was a first time expeneans. |
| 10 | Most of the time, science is fun for me. It helps me learn at the same time. | Science impacts my life by helping everyone in the community. |
| 17 | There is science in everything you do. | Science impacts your life every single day. |
| 22 | Because if we didn’t have science we wouldn’t be alive. | If we didn’t have science we wouldn’t have most the stuff we have.  |
| 29 | A lot because I want to be a doctor. | It impacts it a lot.  |
| 35 | Science has taught me about everything electricity, cars. The way things run and operate.  | Science has taught me about everything. It is the basis for life. Life is science.  |
| 36 | I knew what things was dangerous and what’s not dangerous.  | It impacts everything from the soil to littering. Polluting the earth can damage the earth.  |
| 28 | Science doesn’t really impact my life, I hardly think about it. | You get fresh air.  |
| 14 | What I eat and the technology we use.  | Technology and my health. |
| 30 | Science impacts my life in many ways but mostly in electricity.  | In many ways electricity and environmental activity being the biggest.  |
| 18 | Know the danger of plants and bugs- food. | Recycling. |
| 33 | Impact are live drastically and in everyday situations.  | It effects my life everyday from the things I do to what I eat.  |
| 15 | Every day I have it as a class during the summer and school year.  | I use science in my everyday life.  |
| 16 | Lights, electronics (phones, computers, ect.) | In everyday stuff like soil, without soil we won’t be able to which means no life for either humans or wildlife.  |

**3. If you were the mayor of a city and you had to come up with a solution to an environmental problem, what steps would you take to find a solution?**

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| **Respondent #** | **Pre-Survey Response** | **Post-Survey Response** |
| 12 | First whats the proplem, mak ides figure the solushun and bo that slotion | Find the steps to enter the solution |
| 20 | First I would send out a meggese so everyone can know about my problem with the earth! Second get together a group and work hard to solve the problem. | 1st find the facts, 2nd get a group to help 3rd put it in action after you made the plan! |
| 21 | First, ask people to pick up trash, and reuse, recycle, etc.  | First I would ask people to pick up trash. |
| 27 | One: find anything about the pp two: bring scientists to make the solution Three: test it if it works then use it  | First find the solution. |
| 11 | Put new dirt, grass, plants, and roots. | Put dirt, roots, soil, grass, plants, fertilizer |
| 32 | I would do research and ask the community. | I’d ask the communities. |
| 13 | If it was about an animal I would make a new home for them. | First I would find what the problem was. And then try to fix it. |
| 26 | Look into and ask the people of the city. | I will identified. |
| 38 | (No Response) | Say the town was dirty and I had to come up with something and would say let’s recycle. |
| 10 | I would make the most logical decision that didn’t take up a lot of money. | I would ask an expert what the best thing to do it. |
| 17 | Making it a law that you have to recycle. | Pass a law where everyone has to recycle. |
| 22 | Pollution, dirty water, recycle.  | Recycling, help the dirty air.  |
| 29 | Recycling, reuse, reduce.  | Make it a law to follow the 3 R’s. |
| 35 | Identify the problem, dirty air. First put fossil fuel restrictions. Make more electric cars. Recycle more. | Dirty air. I would let the people know about the issue.  |
| 36 | Stop polluting and the thing we can do is stop littering and recycle things.  | Make it a law to recycle.  |
| 28 | I’d try and see if people could car pool, recycle, use less styraphom.  | (Did not respond)  |
| 14 | Look at the problem and think of all the ways to help the problem like if they’re was dirty water make people recycle.  | Have a fundraiser to tell people what the problem is and what they need to do differently to solve the problem.  |
| 30 | I would find ways to advertise what the problem was and ways to fix it.  | I would look for common problems in the city.  |
| 18 | Recycle. | Come with idea, make commercial for it.  |
| 33 | Make a hypothesis on the problem then start using steps to solve it and get a positive result.  | The three different activities I did today would be a good start.  |
| 15 | Go out to the environment and observe and find the problem and try different way to improve it.  | Go out and observe the environment and find the problem and come up with plans to help.  |
| 16 | Recycling week- have everyone in my country on one day of the week to go outside and recycle.  | Night-Hoops (A Activity that our group made.) |

**4. After you identified a solution to an environmental problem, how would you put the solution into action?**

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| **Respondent #** | **Pre-Survey Response** | **Post-Survey Response** |
| 12 | Make a group four eche in cloding me vote what solution is best. | Make the solution into example and then lead it to the prodlam |
| 20 | By getting together neighbors heads and forming a solution as a group. | By finding out you need to do to help the environment. Also go out and get people together. |
| 21 | Tell people to pick up trash. | Ask people to clean up after themselves. |
| 27 | Tell them I found the solution | First test it and then use it. |
| 11 | Put the dirt first, then root, grass, plants. | First dirt, roots, fertilizer, grass, plants, soil. |
| 32 | I’d put it into action by getting grants and volunteers. | I would advertize and get the word out there. |
| 13 | I would do everything I could to help with the problem. | I would do everything in my power to change the problem. |
| 26 | I will draw it out. | Raise awareness. |
| 38 | I would put it on tv. | Put it on tv!!! |
| 10 | I would ask for donations and sponsor it the best I could.  | I would raise awareness by advertising it.  |
| 17 | Pass the law. | Pass the law. |
| 22 | Get someone to help clean up the world.  | Have someone stop all the smoking stuff that makes the air dirty.  |
| 29 | I would try to make it a law so they would have to follow it.  | Tell everybody about it.  |
| 35 | Put a mandate for companies to lower they’re energy cost.  | I would mandate recycling to help the environment.  |
| 36 | Stop littering and recycle more. | Make a vote to see who wants to make it a law.  |
| 28 | I’d give everyones help who could. | (Did not respond)  |
| 14 | Have all the people get recycling bins and every week pick up the recycling and do that each week.  | If it had to do with recycling I would make recycling mandatory.  |
| 30 | By telling people what the problem is and tell them how to solve it.  | I would advertise the problem and ways to solve it.  |
| 18 | Demand it be done.  | Make commercial.  |
| 33 | I would use it immediately and fix it.  | I used the solution as soon as possible.  |
| 15 | Get sponsors to help donate money to pay workers to make the plan work.  | Make it public to the city or town, tell them different way we can help on the problem and find a solution.  |
| 16 | Recycling week- have everyone in my country on one day of the week to go outside and recycle. | Night-Hoops-Slogan Rehoops, Reduce, Recycle---Out of a week. In one month people will pay to play in a basketball tournament and all the money we make goes to helping company like Jeffin Bought or the Recycling company.  |

**What I Already Know Section:**

**Respondent #12**

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| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 7 | 6 | -14% |
| Land Use | 4 | 8 | 100% |
| Environmental Issues | 5 | 7 | 40% |
| Working with Others | 6 | 8 | 33% |
| Discussion Skills | 3 | 6 | 100% |
| Conserving our Natural Resources | 8 | 5 | -37% |

**Respondent #20**

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| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 9 | 12% |
| Land Use | 9 | 10 | 11% |
| Environmental Issues | 9 | 9 | 0% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 8 | 9 | 12% |
| Conserving our Natural Resources | 10 | 10 | 0% |

**Respondent #21**

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| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 5 | 5 | 0% |
| Land Use | 4 | 6 | 50% |
| Environmental Issues | 5 | 8 | 60% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 7 | 7 | 0% |
| Conserving our Natural Resources | 8 | 9 | 12% |

**Respondent #27**

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| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 9 | 12% |
| Land Use | 7 | 8 | 14% |
| Environmental Issues | 10 | 8 | -20% |
| Working with Others | 8 | 10 | 25% |
| Discussion Skills | 8 | 9 | 12% |
| Conserving our Natural Resources | 9 | 9 | 0% |

**Respondent #11**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 5 | 5 | 0% |
| Land Use | 7 | 7 | 0% |
| Environmental Issues | 6 | 7 | 16% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 10 | 10 | 0% |
| Conserving our Natural Resources | 5 | 7 | 40% |

**Respondent #32**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 5 | 8 | 60% |
| Land Use | 3 | 9 | 200% |
| Environmental Issues | 6 | 8 | 33% |
| Working with Others | 8 | 7 | -12% |
| Discussion Skills | 7 | 6 | -14% |
| Conserving our Natural Resources | 9 | 10 | 11% |

**Respondent #13**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 9 | 7 | -22% |
| Land Use | 7 | 8 | 14% |
| Environmental Issues | 6 | 5 | -16% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 1 | 1 | 0% |
| Conserving our Natural Resources | 10 | 9 | -10% |

**Respondent #26**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 10 | 10 | 0% |
| Land Use | 9 | 10 | 11% |
| Environmental Issues | 7 | 8 | 14% |
| Working with Others | 10 | 9 | -10% |
| Discussion Skills | 8 | 10 | 25% |
| Conserving our Natural Resources | 10 | 10 | 0% |

**Respondent #38**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 6 | 6 | 0% |
| Land Use | 3 | 10 | 230% |
| Environmental Issues | 1 | 1 | 0% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 6 | 8 | 33% |
| Conserving our Natural Resources | 1 | 1 | 0% |

**Respondent #10**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 10 | 25% |
| Land Use | 6 | 10 | 66% |
| Environmental Issues | 10 | 10 | 0% |
| Working with Others | 9 | 9 | 0% |
| Discussion Skills | 6 | 10 | 66% |
| Conserving our Natural Resources | 5 | 10 | 100% |

**Respondent #17**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 7 | 9 | 28% |
| Land Use | 8 | 8 | 0% |
| Environmental Issues | 7 | 9 | 28% |
| Working with Others | 9 | 10 | 11% |
| Discussion Skills | 9 | 8 | -11% |
| Conserving our Natural Resources | 9 | 10 | 11% |

**Respondent #22**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 6 | 8 | 33% |
| Land Use | 5 | 8 | 60% |
| Environmental Issues | 7 | 6 | -14% |
| Working with Others | 9 | 8 | -11% |
| Discussion Skills | 6 | 5 | -16% |
| Conserving our Natural Resources | 7 | 7 | 0% |

**Respondent #29**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 3 | 4 | 33% |
| Land Use | 3 | 4 | 33% |
| Environmental Issues | 3 | 4 | 33% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 10 | 10 | 0% |
| Conserving our Natural Resources | 10 | 10 | 0% |

**Respondent #35**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 9 | 12% |
| Land Use | 8 | 9 | 12% |
| Environmental Issues | 8 | 9 | 12% |
| Working with Others | 8 | 10 | 25% |
| Discussion Skills | 10 | 10 | 0% |
| Conserving our Natural Resources | 10 | 10 | 0% |

**Respondent #36**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 6 | 7 | 16% |
| Land Use | 7 | 8 | 14% |
| Environmental Issues | 7 | 8 | 14% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 10 | 10 | 0% |
| Conserving our Natural Resources | 7 | 8 | 14% |

**Respondent #28**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 4 | 4 | 0% |
| Land Use | 7 | 8 | 14% |
| Environmental Issues | 9 | 9 | 0% |
| Working with Others | 10 | 1 | -90% |
| Discussion Skills | 10 | 9 | -10% |
| Conserving our Natural Resources | 9 | 9 | 0% |

**Respondent #14**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 4 | 5 | 25% |
| Land Use | 4 | 5 | 25% |
| Environmental Issues | 3 | 5 | 66% |
| Working with Others | 6 | 7 | 16% |
| Discussion Skills | 5 | 6 | 20% |
| Conserving our Natural Resources | 6 | 4 | -33% |

**Respondent #30**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 7 | 8 | 14% |
| Land Use | 6 | 9 | 50% |
| Environmental Issues | 4 | 7 | 75% |
| Working with Others | 9 | 6 | -33% |
| Discussion Skills | 7 | 5 | -28% |
| Conserving our Natural Resources | 5 | 7 | 40% |

**Respondent #18**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 9 | 12% |
| Land Use | 7 | 8 | 14% |
| Environmental Issues | 8 | 8 | 0% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 8 | 9 | 12% |
| Conserving our Natural Resources | 8 | 10 | 25% |

**Respondent #33**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 6 | 8 | 33% |
| Land Use | 4 | 8 | 100% |
| Environmental Issues | 7 | 9 | 28% |
| Working with Others | 9 | 10 | 11% |
| Discussion Skills | 8 | 9 | 12% |
| Conserving our Natural Resources | 8 | 10 | 25% |

**Respondent #15**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 8 | 10 | 25% |
| Land Use | 9 | 10 | 11% |
| Environmental Issues | 8 | 10 | 25% |
| Working with Others | 10 | 10 | 0% |
| Discussion Skills | 9 | 10 | 11% |
| Conserving our Natural Resources | 10 | 10 | 0% |

**Respondent #16**

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Pre-Survey Level | Post-Survey Level | % Change |
| The Environment | 7 | 9 | 28% |
| Land Use | 6 | 9 | 50% |
| Environmental Issues | 8 | 9 | 12% |
| Working with Others | 9 | 9 | 0% |
| Discussion Skills | 10 | 9 | -11% |
| Conserving our Natural Resources | 10 | 9 | -11% |