Endangerment

New Mexico Adventures in Supercomputing Challenge

Final Report

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Team 062

Rio Vista Middle School

Team Members

Kellie Mason

Kimi McDaniel

Seth Boswell

Teachers

Sue Giovanini

Project Mentors

Levi Valdez

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The most important thing we learned in this complex opposition is the Komodo dragons demise velocity each year, and why they are becoming wiped out so rapidly. That is because humans are killing them and their food unlawfully. So they will die even more rapidly than they already are. That is what we hope to put a stop to. We also learned to work as a team and in doing so we have learned all we can about Komodo Dragons. Our group has made a mathematical model on a program called Star Logo, with small turtles that represent the Komodo dragons. One turtle represents ten in that program, we used graphs to help us reveal the life span of Komodo dragons.

A step- by- step method we incorporated is a singling out process to figure out how many Komodo Dragons die each year. We figured out who is going to do what to get our project fulfilled in time to present to the judges of Los Alamos. I think that this was a real challenge for us because, we are not used to having equations like we have had in Super Computers. I think that Super Computers taught us to think on our own. Quite frequently we learned from this experience to be prepared because you will run into problems along the way.

The materials we used are Star Logo, Microsoft PowerPoint, Internet Explorer, The Discovery Channel, and our own data.

A problem that our group has investigated is why the Komodo Dragons are becoming extinct. A method we used to solve the problem is that we went on the Internet and looked up Komodo Dragons. As we found our information we made notes from it. With that information our group was able to work on our project until we ran out of information to write down. To make more notes to add onto our project we would go through the whole process again.

The results of our study are that we found out all we can about Komodo Dragons. Now our group knows a great deal of information. Next year we hope to continue with the same subject in Super Computers. When we see something about Komodo Dragons we either write it down or we watch it. That is the termination of our study.

The termination we reached by analyzing our results are that komodo Dragons are becoming extinct because, humans are killing them and their food unlawfully. There now is not enough food on the island of Komodo. So they either have to eat each other or their babies. Now they will probably die faster than they already are. Those are the conclusions of our results.

The software, references, tables and other products of our work are, Star Logo, Microsoft PowerPoint, and Internet Explorer. A couple of sites we incorporated are www.google.com, www.altavista.com, and www.yahoo.com keyword Komodo Dragons. One table we used is a table on yahoo.com. The table was titled Komodo Endangerment. This was our utmost achievement.

Our most significant original achievement is discovering out how many total Komodo Dragons are left on earth all together. We found out that there are a little bit over 5,000 Komodos left. That is our significant achievement in our project.

An acknowledgement of the people and organizations that helped us are Levi Valdez, Lola McDaniel, and Irene Lee. An association that helped us are the people at Los Alamos National laboratory. These are the people that helped us in finishing our project. Our group really appreciated their help and we thank them very much. What you have read in this report is what we have done in our project. When we go to Los Alamos we will be happy with our success and we will be expecting to do very well in the rankings, because it is only our primary year. I am very sure that it wont be our final. If we are in this program next year then we expect to learn, grow, and achieve more then we have this year in Super Computers.

Executive Summary

The most important thing we academically gained in this highly sophisticated competition was the numeral of the Komodo dragons death rate each year. We also have learned why these dragons are becoming extinct so rapidly. The most important lesson we encountered is to work as a team, and in doing so we have become educated on all we can about Komodo Dragons. Our team has made a mathematical model on a program referred to, as Star Logo. If one is using a Star Logo simulator then one must represent their object by using small turtles that represent the specimen. On our simulation one turtle represents. We used graphs to help demonstrate the life span of a Komodo dragon.

A step-by-step method we have created is a singling out process to figure out how many Komodo Dragons die each year. We also figured out who is going to do what to get our project completed in time to present to the judges of Los Alamos. We think that this was a real challenge for us because, we are not used to having equations like we have had in Super Computers. We think that Super Computers taught us to think on our own. Fortunately we learned to be prepared because you will run into problems on the way.

The materials we used were Star Logo, Microsoft PowerPoint, Internet Explorer, The Discovery Channel, Animal Planet, and our own prior knowledge.

Thanks KIMI MCDANIEL