

Jersey Shore Science Fair 2007

The Stars Challenge Participants



Sixteen seventh graders signed up for my class, and all proposed experiments, allowing them to pass.

Half of them were "psyched" enough to do a whole lot more -Conduct a full blown study and present at Jersey Shore!

Jackie's human subjects were made to memorize. And Andrea's night vision tape recorded eerie eyes!

Holly's subjects pondered 'bout the earbuds of iPods, while Nick conditioned koi to feed (that sounds a little odd)

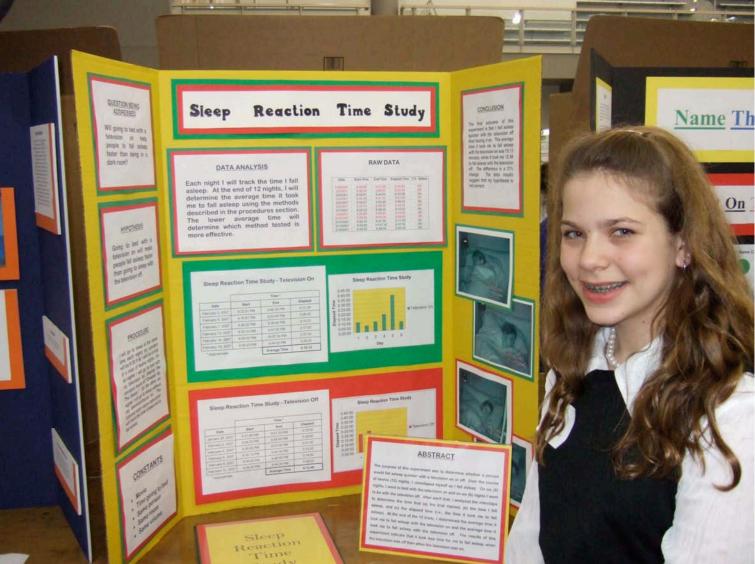
Clair - she dealt with roaches, and did well at the fair. (Most who work with "Roche's" do quite well when they're down there!) Cait made friends with Lauren and dressed her "oh so cool" and then played back the video to half of St James school.

We got to see an Emily, (who studied sea anemones) earn a second place award for her work in Zoology!

And when it was announced, that my buddy Craig had won, he ran over with the ribbon well... perhaps, he didn't run, but...

I saw a smile upon his face and then I heard him holler, "Hey, Mr. Roche, I won this – now you owe me one more dollar!"

Mr. Roche





























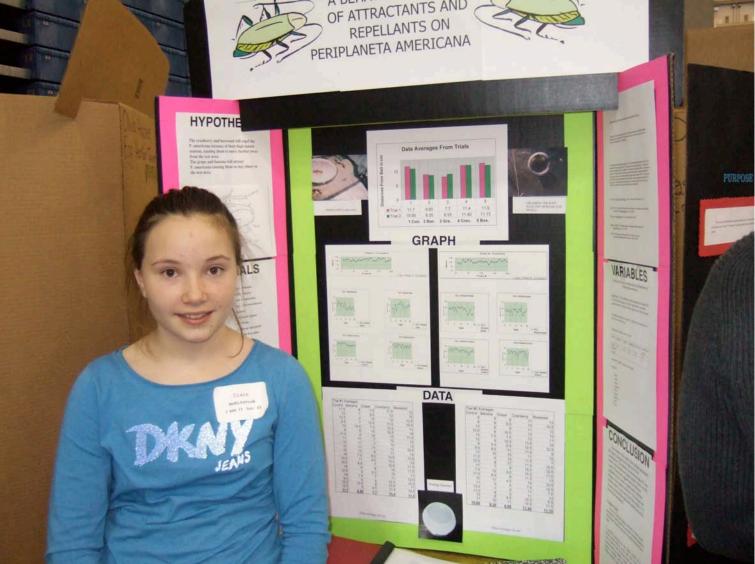
















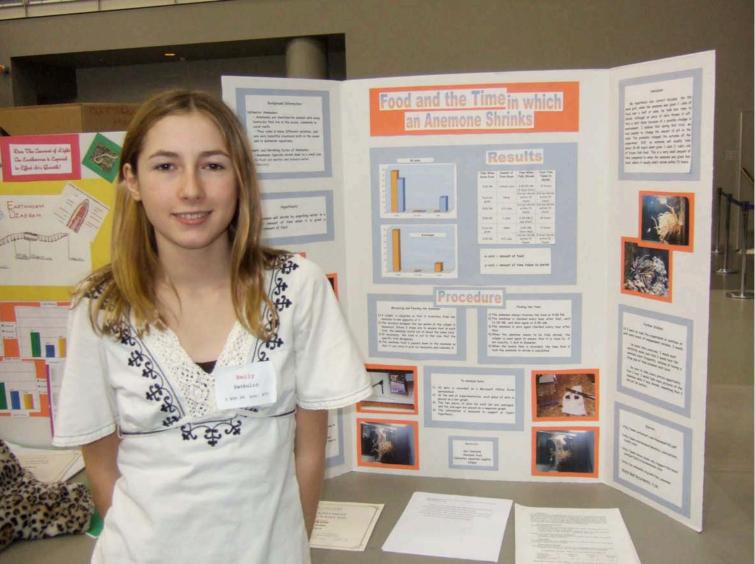








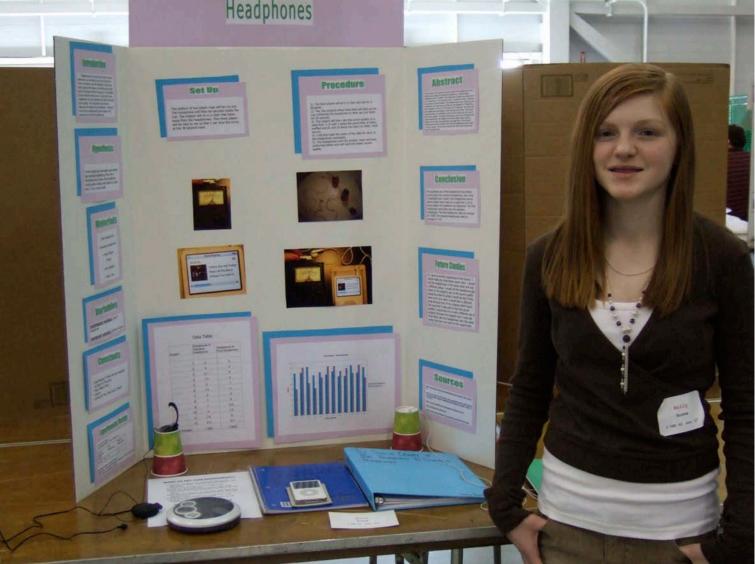










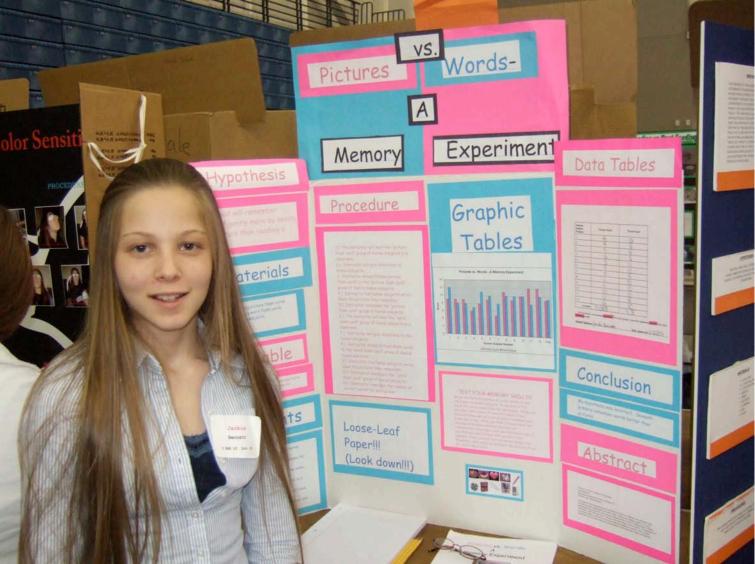




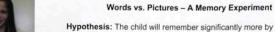












Hypothesis: The child will remember significantly more by seeing a picture than reading a word.

Independent Variable: number of Pictures vs. words the human subject remembers

Levels of Independent Variable	Pictures	Words
Number of Trials	12	12

Dependent Variable: Number of words the human subject can remember

Constants:

- ·Child's age (Between the ages of twelve and
- •The fifteen picture cards will be the same for each human subjects
- ·The fifteen word cards will be the same for each human subjects
- •Each of the human subjects will be in a group
- ·Each of the picture flash cards will have one picture on it
- ·Each of the word flash will have one word on it



Vs.

Moon



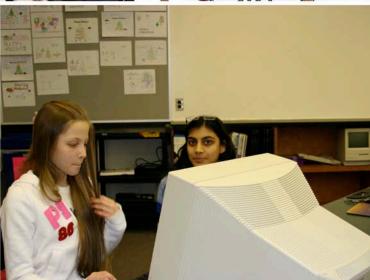
















Nicholas Heins

The Effect of Different Stimuli on Conditioning of F

nesis: The Koi will become conditioned to one stimuli qu

indent Variable: Conditioning stimulus

	light	sound
er of subjects being conditioned	2	2

ident Variable: Time (in seconds) to reach a

of the tank where food will be added

ants:

ank size
emperature of room
emperature of water
ype, size, (age?) of Koi
eeding time





