

**GREATER SAN DIEGO SCIENCE & ENGINEERING FAIR (GSDSEF)
PROJECT PROPOSAL/SIGNATURE* FORM (GSDSEF-1, 2015)**

This form must be completed and signed prior to starting project work. It must be placed in the student's notebook with an **ABSTRACT OF THE PROJECT** for the GSDSEF Screening Fair. (Use the "Tab" key to move from line to line)

1. Project Title If You Give A Kid An iPad

Is this a continuation of a previous project? Yes No

2. STUDENT'S NAME (Last, First, Middle) Sragovicz, Rachel, Aliza

2a. Partner's Name (for Senior Division 2 person projects only) _____

EACH SENIOR DIVISION PARTNER MUST SUBMIT A SEPARATE PROJECT PROPOSAL FORM.

3. Address, City, Zip 11110 Red Cedar Drive, San Diego, 92131

4. Phone (858)-740-3770 email rsragovicz@gmail.com

5. School Thurgood Marshall Middle School Grade 8

6. Teacher Mrs. Elaine Gillum

7. This project involves (check all that apply):

- Live Vertebrate Animals (GSDSEF-2, 2015)
- Humans as subjects, helpers, or interviewees (GSDSEF-3, 2015)
- Hazardous Substances (anything that could cause injury) (GSDSEF-4, 2015)
 - Chemicals
 - Infectious Agents
 - Bacteria, Fungi and/or Molds
 - Mutagenic Agents
 - Carcinogenic Agents
 - Teratogenic Agents
- Human or Other Vertebrate Tissue (GSDSEF-5, 2015)

8. WHERE REQUIRED (see #7 above), the following supplemental forms must be completed and included with the project proposal form (CHECK ALL THAT APPLY):

- Certification of Humane Treatment of Live Vertebrate Animals (GSDSEF-2, 2015)
- Certification of Compliance of Research Involving Humans (GSDSEF-3, 2015)
- Certification of Hazards Control (GSDSEF-4, 2015)
- Certification of Vertebrate Tissue Source & Safety (GSDSEF-5, 2015)

9. Location where experimental procedures will take place: My Room To Grow Preschool

10. People, companies, etc. providing equipment, materials, workspace: 75 Children ages 2-4, mini iPad, My Room To Grow Preschool, qualified preschool teachers.

11. Describe, in 200 – 250 words, the planned project/experiment and the procedures to be used:

This project will test if the amount of technology a toddler uses at home affects how they learn at school. Before testing all parents must sign a consent form allowing their child be a part of this science fair experiment. Additionally, they will be asked to write how much technology their child uses on a typical day. They will also be asked on a separate sheet of paper how much technology their child use on a typical weekend day. Once all the forms are collected, two tests with 5 questions each will be given. The first test is an electronic test and will be administered using the application EduPaint, an app that allows the level of difficulty to be easily changed. This test will be administered by an iPad but will be closely supervised by the tester. The second test will be a verbal test with similar questions but will be administered by a teacher. The questions will be based on basic preschool standards such as identifying numbers and shapes. The two year olds tests will be given based on information they have already learned, such as numbers up to ten, letters, and basic shapes. The three and four year olds will also be given based on information they have already learned, such as numbers up to ten, letters, basic shapes, identifying the different object etc. The age of each child will solely affect the difficulty of the test.

Just before the screening fair, attach a 200-250 word ABSTRACT of your project to this form.

**Continue to next page for required Signatures*

**GREATER SAN DIEGO SCIENCE & ENGINEERING FAIR
(GSDSEF) PROJECT PROPOSAL/SIGNATURE FORM (GSDSEF-1, 2015)
REQUIRED SIGNATURES:**

Student:

I have read the *Rules and Regulations* of the GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR and certify that my project complies with them. I understand that failure to meet the terms of these rules and regulations will result in the disqualification of my project.

SENIOR DIVISION: GSDSEF forms meet the requirements of California law; therefore, all Senior Division students agree that, should they be selected to compete at the 2015 Intel International Science and Engineering Fair (Intel ISEF), when they sign all required Intel ISEF forms they will predate them to agree with the date on this form.

Rachel Sougevin / 9-01-14
Student Signature/Date

Parent/Guardian:

I am aware of all potential safety hazards connected with this project, approve the precautions being taken to ensure my student's safety and will, when appropriate, provide guidance and/or supervision. I understand that failure to comply with *Rules and Regulations* of the GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR will result in the disqualification of the project.

[Signature] 9-01-14
Parent Signature/Date

Teacher:

I approved this project prior to the student beginning work on it and verified that it complies with the *Rules And Regulations* of the GREATER SAN DIEGO SCIENCE AND ENGINEERING FAIR. Any concerns about the project's design, appropriateness, safety, or legality were submitted to the GSDSEF Scientific Review Committee (SRC) for approval prior to allowing the student to proceed. I understand that failure to comply with the Fair's *Rules And Regulations* will result in the disqualification of the project. I will provide all needed supervision (other than that specified on other included forms) and will ensure that this proposal and all required supplemental forms are included in the student's notebook at the screening fair. I will have the student, if invited to apply for entrance to the GSDSEF, submit all SRC requested certification forms with their 2015 Application for Entrance.

[Signature] 9-1-14
Teacher Signature/Date

Additional Advisor (if required)

When certification forms (GSDSEF 2, 3, 4 or 5, 2015) are signed by someone in addition to the science teacher, a signature here ensures that the procedures described on these forms will be followed.

Additional Advisor Signature/Date