# Budget: STEM Education

*Author: Student M.C. in Spring 2017 section of English 371, Grant Writing*

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| **1. Equipment**  |  |
|  Portable Ultrasound | $2,400 |
|  Digital Microscope with Carry Case | $909 |
|  Digital Otoscope | $1,800 |
|  Microscopes (6) | $3,600 |
|  Internal Parasite Slides | $300 |
|  Stethoscopes (30) | $180 |
|  | **$9,189** |
| **2. Supplies and Materials** |  |
|  Project Supplies: cleaning agents, paper towels,  alcohol pads, disposable stethoscope tips, etc. | $500 |
|  Printing and copying | $311 |
|  | **$811** |
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| **GRAND TOTAL** | **$10,000** |

# Personnel implementing this project will include the Chief Financial Officer, Chief Executive Officer, and the Education Coordinator. Their salaries are included within the Spartanburg Humane Society’s annual budget, and have therefore been excluded from this proposal. functions of the equipment requested are as follows:

# Portable Ultrasound: provide visualization of the gestation process of pregnant animals, as well as, the internal organs and joints of both healthy and ill animals.

# Digital Microscope and Carrying Case: examine parasitic slides in greater detail than can be achieve by compound microscopes, and images taken can be recorded for documentation or later distribution. The carrying case will ensure this valuable piece equipment remains in functional condition.

# Digital Otoscope: provides visualization for the entire group as to the tympanic and nasal membranes, as well as the oral cavity, so that they may be compared between healthy and ill animals.

# Microscopes: may be set up ahead of time by Educational Coordinator to show participants particular parasites, without wasting time refocusing each different slide.

# Internal Parasite Slides: guarantee quality images of parasites that infect many household pets, and remain viable virtually indefinitely.

# Stethoscopes: allow for participants to listen to the heart beat, respirations, and gastrointestinal activity of the animal.

# The supplies and materials category includes things need to keep the equipment clean and at peak efficiency, such as cleaning agents, paper towels, and lens paper for the microscope. This category also includes disposable tips for the otoscope and stethoscopes to ensure everything remains sanitary from lesson to lesson and animal to animal. The budget has also allocated for printing and copying costs associated with correspondence with groups interested in featuring our programming, as well as backups for issues involving the electronic survey.