

PART ONE

Summary Sheet Form

A. ORGANIZATION EIN/FEDERAL ID NUMBER: 61-6001316

B. LEGAL NAME OF ORGANIZATION

Jefferson County Board of Education

DBA (if applicable): Jefferson County Public Schools (Visually Impaired Program)

C. ADDRESS: 3332 Newburg Road

CITY: Louisville

STATE: Kentucky

COUNTY: Jefferson

ZIP: 40218

D. PHONE: (502) 485-8500

FAX: (502) 485-8986

ORGANIZATION WEBSITE: www.jefferson.k12.ky.us

E. TAX EXEMPTION STATUS

☐ 501(c)(3)

☒ Other than 501(c)(3). Please specify: Public School District (170(c) designation)

F. CONTACT INFORMATION:

Name of Superintendent/Principal: Dr. Donna Hargens

Phone: (502) 485-3251

Email: donna.hargens@jefferson.kyschools.us

Application Contact & Title (if not the Superintendent or Principal):

Name: Teresa Au Ray

Title: Director, Exceptional Child Ed.

Phone: (502) 485-8500

Email: terry.ray@jefferson.kyschools.us

G. THIS APPLICATION IS FOR A GRANT OF \$ 18,130.00

H. HOW MANY CHILDREN WITH SPECIAL NEEDS WILL THIS GRANT SERVE IN THIS GRANT YEAR , IF AWARDED?

KENTUCKY: 200

INDIANA:

WHAS CRUSADE FOR CHILDREN

Grant Request Information

I. WHAT PROCESS DOES YOUR AGENCY USE IN DECIDING WHAT TO REQUEST? (i.e., peer or supervisory review, priority by classroom or department, etc.)

A peer review was conducted by the JCPS Vision Specialist and four Teachers of the Blind or Visually Impaired. The group researches ideas, methods of instruction, and supported research to develop a prioritized list of educational materials and equipment that will make the most impact for our students.

J. PURPOSE: Summarize in 100 words or less *the purpose* for which this money is requested. (Additional detail should be attached to page 9 of application.)

The purpose for our request is to continue our work in the Expanded Core Curriculum, a body of knowledge and skills needed by students with visual impairments due to their unique disability-specific needs. Our students need the expanded core curriculum in addition to the core academic curriculum of general education. We are requesting curriculum to support the nine areas of ECC and understand the difficulties of cerebral visual impairment (CVI) along with low vision devices and materials to support our students in the areas of visual efficiency, compensatory (math), independent living, and orientation and mobility.

K. BUDGET:

TOTAL AMOUNT REQUESTED: \$ 18,130.00

ITEMIZE REQUEST LIST AND COST IN AGENCY PRIORITY:

1.	ECC and CVI Curriculums	\$ 6,825.00
2.	Magnification - Near and Distant Vision	\$ 3,710.00
3.	Low vision devices and materials - Math	\$ 2,155.00
4.	Low vision devices - Visual Efficiency	\$ 2,340.00
5.	Low vision devices - Independent Living	\$ 1,750.00
6.	Low vision devices - Technology	\$ 1,000.00
7.	Orientation and Mobility - Canes	\$ 350.00
8.		\$

(Attach a detailed list with page 9 if requesting multiple items)

WHAS CRUSADE FOR CHILDREN

Organization Information

L. LIST THE KEY SERVICES YOUR AGENCY PROVIDES FOR CHILDREN AND AGES OF YOUR PRIMARY CLIENTS.

- | | | | |
|----|---|------|------|
| 1. | Public Education | Ages | 3-21 |
| 2. | Instruction & Program Development Visually Impaired | Ages | 3-21 |
| 3. | Safe and Independent Travel Visually Impaired | Ages | 3-21 |
| 4. | | Ages | |

M. LIST THE HOME COUNTIES OF CHILDREN YOU SERVE (If more than 10 counties, include in expanded detail section)

- | | | | |
|----|-----------|-----|--|
| 1. | Jefferson | 6. | |
| 2. | | 7. | |
| 3. | | 8. | |
| 4. | | 9. | |
| 5. | | 10. | |

N. SOURCES OF INCOME: Complete the table below for the agency as a whole, based on most recently completed fiscal year.

Percentage		Funding Source
0.0002	%	WHAS Crusade for Children
14.9998	%	Government grants (federal, state, local)
0	%	Foundations
0	%	Business
0	%	Events (include event sponsorships)
0	%	Individual contributions
0	%	Fees/earned income/tuition
0	%	Workplace giving campaigns
85	%	Other (Please specify: General Fund)
100	%	TOTAL (must equal 100%)

WHAS CRUSADE FOR CHILDREN

Complete all sections

Total special education budget:	\$ 126,236,586.00
Percentage of special education budget requested from the WHAS Crusade for Children:	.002 %
Total number of special education staff: (all positions)	1,975
Number of schools?	161
Percentage of special education budget derived from grants:	17 %
If the Crusade does not fully fund this project, will you proceed with the project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, explain: Items requested through the WHAS Crusade are prioritized and implemented to the extent funded.
What are your fundraising plans for the Crusade in your community? Please explain selection: Employee fundraising campaigns and events per site include cash and check giving, as well as, payroll deductions and student collections.	<input checked="" type="checkbox"/> Payroll deduction <input checked="" type="checkbox"/> Special events <input type="checkbox"/> Corporate solicitation <input checked="" type="checkbox"/> Other
If you receive a Crusade grant, how do you plan to make your community aware of this and its impact on your agency?	Explain: JCPS will place an article /picture in the JCPS Monday Memo. All JCPS employees have access to the Monday Memo. The JCPS Board will accept the Crusade Grant at an official Board meeting.

JCPS Visually Impaired Program Crusade Application 2016-17
Part Two – Expanded Detail

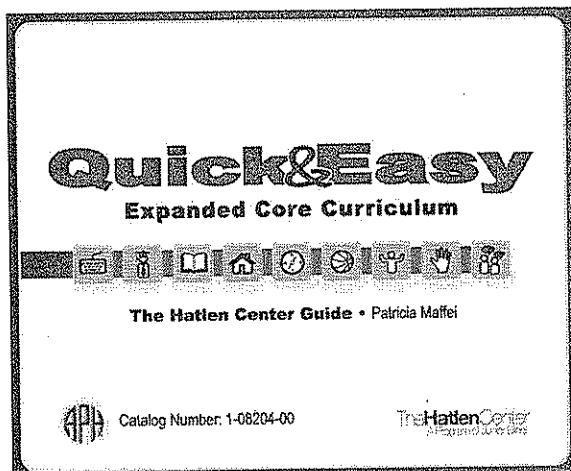
1. ***Describe how your request meets the Crusade's mission: To help children overcome physical, mental, emotional and medical challenges.***

Jefferson County Public Schools proposes purchasing a variety of devices and tools that will help visually impaired (VI) students operate more independently and effectively in the classroom and ultimately thrive. This project will help visually impaired students overcome the physical, mental, emotional and medical challenges that – without proper aids and support – might otherwise be a barrier to success.

2. ***In this application, you described in 100 words or less what your project entails. Now, attach expanded details of the project.***

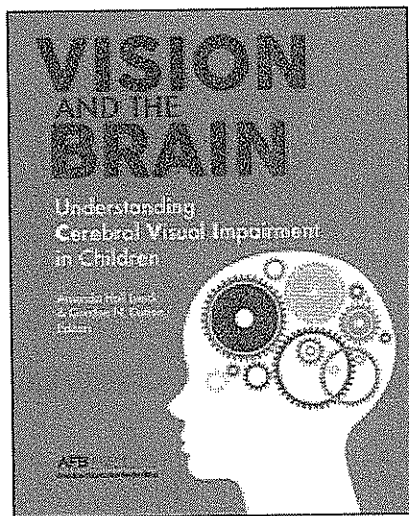
This proposal includes a variety of tools visually impaired (VI) students would use to help them thrive in the classroom and community. The Quick and Easy materials will help teachers of visually impaired students address the nine areas of the Expanded Core Curriculum (ECC) in a variety of settings and better understand the complexities of Cerebral Visual Impairment (CVI), a vision loss related to brain injury and neurological causes. CVI is the most common cause of visual impairment in children in the United States. Low Vision aids (illuminated stand magnifiers, bar magnifiers, and dome magnifiers) are tools that help students with vision loss maximize their remaining vision. A hand held magnifier works great to read a chemistry chart, but not so well to read a book as students would experience fatigue after holding the magnifier in their hands for long periods of time. In that case, a bar or dome magnifier would work better. Typically, students find success in maximizing their remaining vision with three to five different Low Vision aids. A monocular is a small telescope which enables our students to see print, picture, diagrams, maps, faces, and demonstrations when seated at their desks and in the community for things such as spotting street signs, viewing sporting events, etc. Talking calculators make calculating tasks much more convenient and efficient for our students who cannot easily read a standard display especially at the high school level. The scientific calculator has posed a challenge for our students, especially when graphing is required. The talking graphing calculator will give them access to the same technology as their peers as they tackle algebra, statistics, and chemistry. Math Window will help our students understand concepts using the tactile method of building and solving math problems. The LightAide and accompanying kit creates a variety of interactive displays of color that support core learning goals. Talking microwave allows our students to learn how to handle simple cooking skills under supervision. The document camera stand turns our students' iPads into a document camera. Folding canes probe for and locate obstacles in students' path of travel.

3. Attach a detailed list of every item you are requesting in the same priority you listed on page 6. Include quotes for all equipment requests.



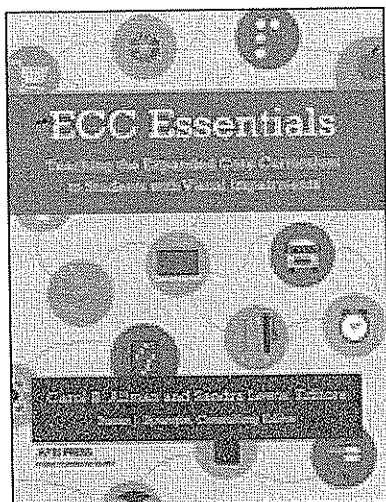
$\$45.00 \times 35 = \$1,575.00$

Over 140 lessons to address the nine areas of the Expanded Core Curriculum (ECC) in a variety of settings. Quick & Easy Expanded Core Curriculum is designed for transition students who are visually impaired. The included lessons were chosen to address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting (home/school or community) are intentionally designed to be completed in 5-15 minutes. They are not designed to replace a comprehensive program addressing the ECC. A Quick & Easy ECC Checklist is included to monitor an individual student's progress and serve as an informal assessment. The checklist is included in the binder as well as on the accompanying CD-ROM as a Microsoft® Excel® spreadsheet.



$\$85.00 \times 35 = \$2,975.00$

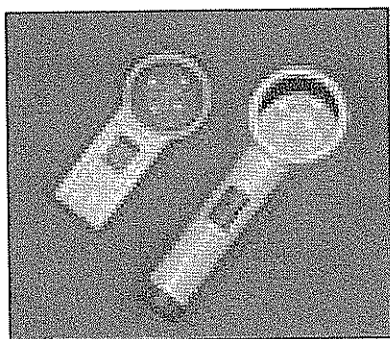
Vision and the Brain: Understanding Cerebral Visual Impairment in Children is the comprehensive text on cerebral visual impairment. Because the most common cause of visual impairment in children in the United States is brain based, *Vision and the Brain* is especially timely and important for professionals seeking to understand the complexities of vision loss related to brain injury and neurological causes. The book collects insights, comprehensive descriptions, and practice suggestions from a range of specialists, and provides essential approaches to assessment and intervention.



$$\$65.00 \times 35 = \$2,275.00$$

ECC Essentials is the first comprehensive book for teachers working to meet the unique learning needs of their students with visual impairments. It focuses on the education of children and adolescents in the expanded core curriculum by providing the rationale, suggestions, and strategies necessary to implement instruction. *ECC Essentials* gives teachers a road map for helping their students achieve success in school and life.

Illuminated Hand Held Magnifiers



$$\$75.00 \times 10 = \$750.00$$

Bar Magnifiers

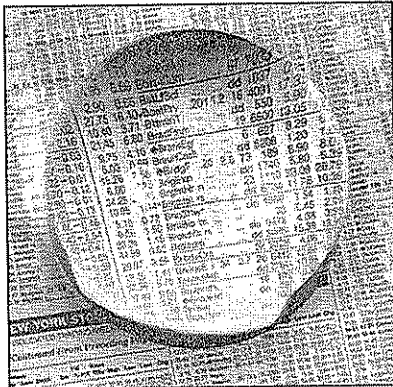
Line	20%	40%	60%	80%	100%	120%	140%	160%	180%	200%
1	11.111	22.222	33.333	44.444	55.556	66.667	77.778	88.889	99.999	111.111
2	22.222	44.444	66.667	88.889	111.111	133.333	155.556	177.778	199.999	222.222
3	33.333	66.667	100.000	133.333	166.667	200.000	233.333	266.667	299.999	333.333
4	44.444	88.889	133.333	177.778	222.222	266.667	311.111	355.556	399.999	444.444
5	55.556	111.111	166.667	222.222	277.778	333.333	388.889	444.444	499.999	555.556
6	66.667	133.333	200.000	266.667	333.333	400.000	466.667	533.333	599.999	666.667
7	77.778	155.556	233.333	311.111	388.889	466.667	544.444	622.222	699.999	777.778
8	88.889	177.778	266.667	355.556	444.444	533.333	622.222	711.111	799.999	888.889
9	99.999	199.999	299.999	399.999	499.999	599.999	699.999	799.999	899.999	999.999

$$\$12.00 \times 20 = \$240.00$$

This 9" wide bar magnifier doubles the height of type without distorting the width. This is a good magnifier for low vision individuals.

Dome Magnifiers

Extra Large Dome Magnifier - 95mm (Large)



$$\$65.00 \times 10 = \$650.00$$

This bright field dome magnifier has an acrylic lens to provide a large viewing surface with maximum light collecting effects. This large portable magnifier is convenient for low vision individuals.

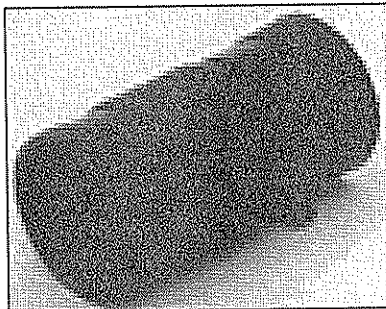
4X Light Gathering Dome Magnifier - 3" Wide (Medium)

$$\$27.00 \times 30.00 = \$810.00$$

4X Light Gathering Dome Magnifier - 2" Wide (Small)

$$\$12.00 \times 30 = \$360.00$$

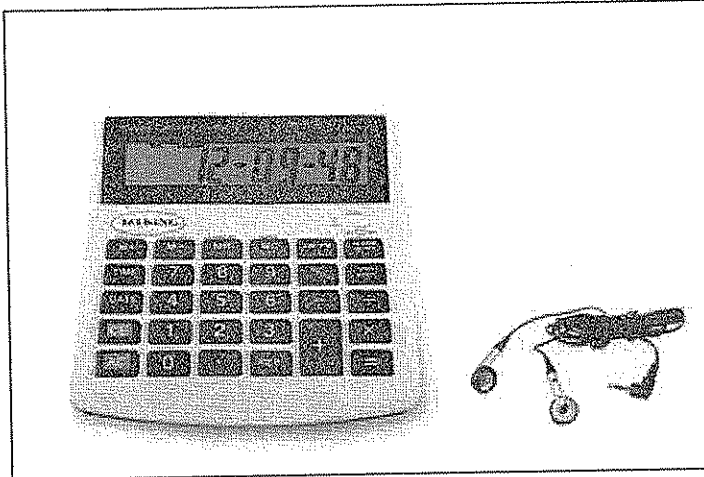
Hand Held Monocular



$$\$45.00 \times 20 = \$900.00$$

This hand held monocular is great for low vision people wanting hands free use of their monocular, but are not in need of magnification higher than 16X.

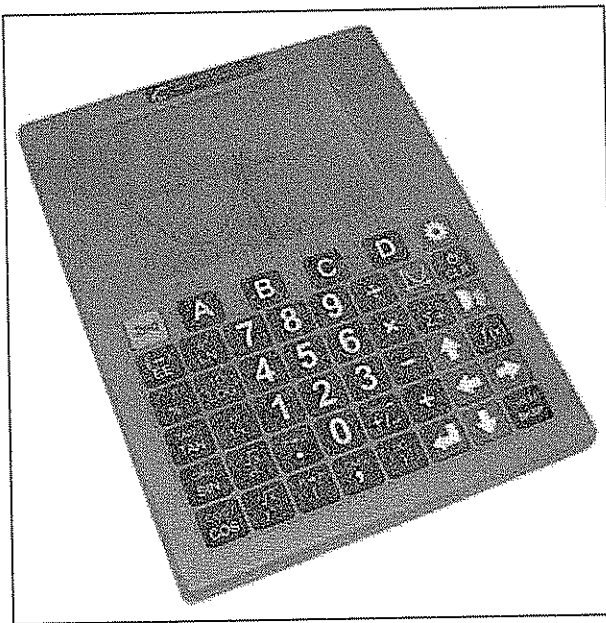
10 Digit Talking Calculator



$$\$25.00 \times 20 = \$500.00$$

This Talking Calculator features a clear male voice and big keys with high contrast buttons for individuals with low vision. This calculator also has a repeat function button and can report results in either units or digits. Measuring 7.5" x 7" x 1.9", this calculator's large size lends itself to easy use. An earphone jack and earbud offers people more privacy as wanted.

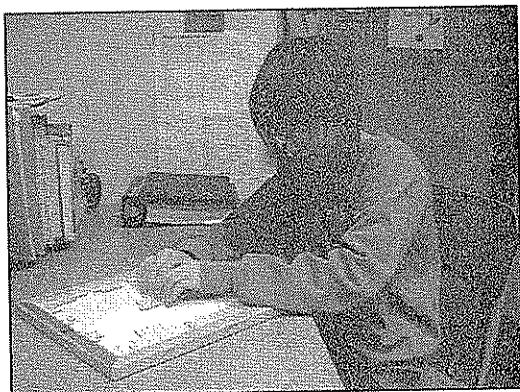
Talking Graphing Calculator



$$\$430.00 \times 2 = \$860.00$$

The Sci-Plus 2500 is a large display talking graphing calculator designed for people with low vision. It can perform scientific, statistical and trigonometric calculations and fractions, along with a graphing function. It also has the ability to evaluate functions, plot equations, analyze values along a curve and determine y+ intercepts, poles etc. The Sci-Plus 2500 also includes a speech output via earbuds (included).

Math Window



$$\$ 265.00 \times 3 = \$795.00$$

Math Window® is an easy-to-use math teaching tool utilizing magnetic tiles on a conveniently-sized work surface. It is portable and comes with its own carrying case. Math concepts are easier to understand using this tactile method of building and solving math problems.

LightAide



$$\$1000.00 \times 2 = \$2000.00$$

Bright and engaging, the LightAide™ creates a variety of interactive displays of color that support core learning goals and help instill the building blocks of literacy and mathematical concepts in learners with low vision, cognitive disabilities and other special needs.

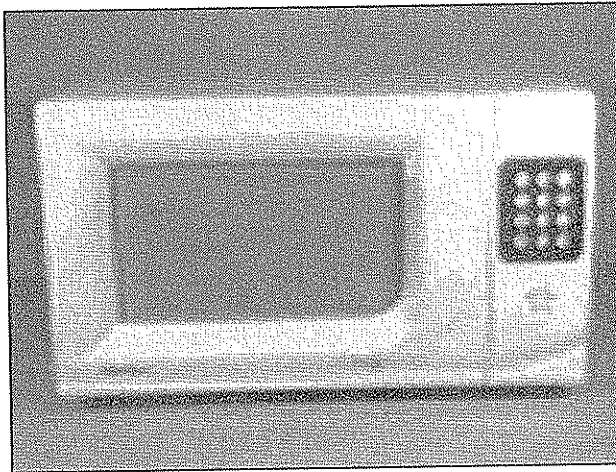
LightAide Activity Sets

Additional LightAide Activity sets can be purchased from LightAide.org after your device is registered. Activity sets are priced as follows:

English and Language Arts Activity Set
Mathematics Activity Set

$$\$85.00 \times 4 = \$340.00$$

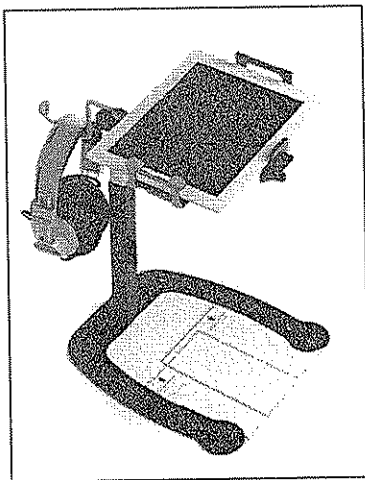
Talking Microwave Oven



$$\$350.00 \times 5 = \$1750.00$$

Talking products help provide independence and a higher quality of life for people with low vision or no vision at all. The TMO-2 is a microwave oven specially modified to talk, making it accessible and simplifying its use for those with low vision or no vision at all. It features an adjustable cook time, adjustable power level, a built in kitchen timer, a clock, and a food timer. Around each button of the keypad is a raised ring to make them easy to locate by touch. A momentary press of any button will tell you what the button does.

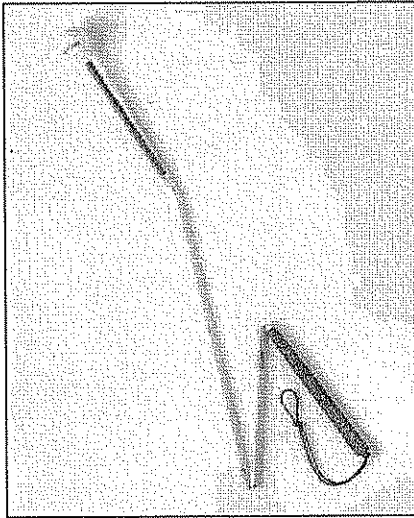
Height Adjustable Document Camera Stand (for iPad® and iPad® mini)



$$\$100.00 \times 10 = \$1000.00$$

Turn your iPad® into a document camera by utilizing the iPad's® camera. This high quality stand provides teachers and students with the opportunity to share work, ideas and anything else that inspires. It is height adjustable and has a 90° rotating mount that swivels and tilts, keeping the iPad® secure. It includes a headphone holder and mounting holes on the base for security.

Folding Mobility Colored Cane



$$\$35.00 \times 10 = \$350.00$$

The white cane has proved to be a useful tool for millions of blind people in navigating their environments with confidence and safety. It is a tool that allows blind people to travel where and when they way, and as such, leads to self-sufficiency.

4. *Attach details of how you plan to measure the success or outcome of this grant.*

The requested items in this grant are intended to be used as tools for visually impaired students to obtain information in the same manner and rate as their sighted peers.

The Vision Teachers' focus for the use of curricular supports is to provide an increase in student motivation for learning, reduce the use of cumbersome adaptative equipment and to provide large print materials in an easier fashion. A student will be able to transport from classroom to classroom, reduce amount of set-up time, increase student ownership and involvement, and increase the use of technology to meet Expanded Core Curriculum goals.

The Vision Team's focus for the use of the low vision aids and talking devices is to enhance accessing the curriculum for our students to the same level as their sighted peers.

The Vision Team will collect data through observation, checklists, and student progress data to evaluate and measure the success of this grant. We will use this information to gauge the success of these devices for students with Cerebral Visual Impairment. We will also collect data on the use of low vision aids and educational materials and how these materials impact student educational performance in the classroom.

5. *If you received a Crusade grant last year, briefly describe the success of this grant. Explain outcomes and how they were measured. Please share specific examples of the impact this grant had on children who have special needs.*

In 2014-2015, the WHAS Crusade Grant gave JCPS an opportunity to serve many of our visually impaired students in the program. The specialized materials and equipment allowed our students to gain access to their curriculum so they could fully participate in the classroom beside their sighted peers. Our students also gained the opportunity to become proficient in 21st century skills, which will lead them to success in future academic and employment opportunities.