



**2013 - 14 Educational Grant Application**  
**Deadline: Wednesday, March 20, 2013, by 4pm**

Name of Grant: Slabs of Uniform Thickness

Submitted by: Tracy Henderson, Art Specialist

Campus/Department: Boyd Elementary Grade Level(s): K-6

Total Dollar Amount Requested: \$528.00

Number of students who would be involved/impacted by grant: 700+

Name of principal or immediate supervisor who will approve submission: Kyle Pursifull

**Project Purpose: What is the problem, need or opportunity that this grant will address?** What is the **student need** which the project will address? The purpose should explain **what students will know and be able to do** as a result of this project. Please explain how a problem will be addressed or a situation improved because of the grant. **(200 words or less)**

Slab construction is one of the 3 hand building techniques in ceramics. Rolling out a slab of uniform thickness is time consuming and often very difficult for elementary aged artists making it frustrating for them and impossible to complete a slab project in the allotted class time. The "Porta Roller" will allow slabs to be rolled out evenly, quickly and easily therefore making slab construction a possibility; affording my Boyd artists expanded knowledge and experience working with a medium that they ALL love...clay!

**Project Description:** How will the project or program be implemented? Describe activities and tasks. Who is the target population and in what ways will they benefit? **(200 words or less)**

The initial target population for slab construction projects will be 3<sup>rd</sup> – 6<sup>th</sup> grades. However, K, 1<sup>st</sup> and 2<sup>nd</sup> will be able to experience imprinting and etching on clay tiles making the Porta Roller beneficial to all students. Also, our 4-H club which I co-sponsor, participated in the Empty Bowls project this year and I borrowed a Porta Roller from Cheatham for us to be able to roll out the slabs needed to make our bowls; it would be very useful to have one on campus for extra curricular projects such as this, as well as using it with curriculum.

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**Allen ISD Goals/TEKS:** Which Allen ISD goals/TEKS does this project support? Limit to top two or three examples. **(50 words or less)**

AISD's Elementary Art Curriculum suggests the experience of the slab technique by 3<sup>rd</sup> grade with expanded technique in 4<sup>th</sup> and 5<sup>th</sup> grades and actual slab constructions in 6<sup>th</sup> grade. Art TEKS addressed would be: **(b) Knowledge and Skills** – K.2c, 1.2c, 2.2c, 3.2c, 4.2c, 5.2c, 6.2c - **creative expression and performance** which involves developing, practicing and increasing manipulative skills using a variety of media to produce artworks; in this case, constructions.

**Measurements:** What specific measurements will be used to evaluate the effectiveness of the project? **(100 words or less)**

Teacher observation; I will facilitate the older children when they use the Porta Roller. True evaluation of its effectiveness will be seen in the projects that we are able to create and the ease with which the students are able to use the slabs as well as the time saved by having the slabs readily available at the start of the projects.

**Teaching Methods:** What teaching methods will be used to implement this project? **(100 words or less)**

The primary teaching method will initially be direct instruction, followed by facilitation of older students when using the Porta Roller..

**Timeline for project:** Funds will be available after September 1, 2013. **(50 words or less)**

This is a tool that will be used multiple times per year for clay projects in multiple grade levels. Projects will begin as soon as the Porta Roller arrive and because it is a non-consumable tool, its benefits will last for years!

**Curriculum/System Support:** Explain how this idea or project enhances/supports Allen ISD curriculum or existing systems. **(100 words or less)**

The Porta Roller will allow Boyd artists a more authentic, encompassing ceramic experience and it is easy enough to use that older students can operate it under teacher guidance enabling a less restrictive environment and greater student ownership of the project!

**Additional comments or information you would like to include: (May attach additional pages.)**

Working with clay promotes development and growth in the following ways:

- **Developmental growth:**
  - Manipulating (squishing, squeezing, pulling, pushing, etc.) a piece of clay helps develop the artist's large and small muscles - improving dexterity.
  - Fosters eye-hand coordination.
  - Builds an artist's ability to focus/builds attention span.
- **Mathematical Understandings:**
  - Fosters beginning pattern making in younger artists.
  - Builds an experiential understanding of 3-dimensional shapes.
  - Tactical experience of size and weight differences.

- **Literacy growth:**
  - Builds vocabulary - pound, pinch, roll, flatten, poke, tear squeeze, coil, stretch, squash, twist, and bend.
  - Creative story telling with clay pieces.

And so much more; it's no wonder clay is one of my kid's most favorite mediums to work with!

This is a wonderful tool...the ease of use is second to none. The set up and tear down can be done instantly without tools, it is portable and there are no clamps, shims or boards to mess with...it's a ceramic artist's dream!

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**Grant Budget:** specific product numbers, vendor addresses, etc. **are not required** on this budget page. The name of the product or the type of training or estimated cost of transportation is sufficient.

**\*Please round numbers to the nearest dollar amount.**

<b>Instructional Supplies</b>	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>
North Star Porta Roller	SAX – Item # 8-410646-705	(AISD price per secretary at Boyd) \$459.00 S&H – \$69.00	\$528.00
<b>Technology</b>			
	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>

<b>Staff Dev / Training</b>			
	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>
<b>Transportation</b>			
	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>
<b>Other Expenses</b>			
	<b>Vendor / Supplier</b>	<b>Cost per Item</b>	<b>Total</b>
<b>TOTAL AMOUNT</b>			
			<b>\$528.00</b>

Are there any additional funds available for this grant? Campus or district funds? PTA funds? If you have or will be seeking funds from any other sources to help with this project, please explain.

I have submitted an application for 1/2 funding from the Target grant committee at Boyd.