



# OC CHILDREN'S THERAPEUTIC ARTS

2215 North Broadway, Santa Ana, CA 92706 (714) 547 – 5468 [www.occtac.org](http://www.occtac.org)

## **Assessment Results for Engage 360 – Intermediate Schools**

**Rotation Dates: 8/14/2017 – 12/21/2017**

**Schools: ALAEC, Carr, Lathrop, MacArthur, McFadden, Spurgeon, Villa & Willard**

**Total # of Students Assessed: 106 - (Basic Art Knowledge) & 108 (Qualitative Analysis)**

### **Program Goals and Predictions:**

- **Goal 1:** Learn the basic concepts, techniques and vocabulary of the art-making process as defined in the VAPA standards. At least 70% of all students at each site will demonstrate an increase in proficiency and understanding of the basic elements and principles of art and vocabulary enrichment, as measured by our Pre & Post Art tests.
- **Goal 2:** Foster students' Creativity, Self-esteem and Social-Emotional Development. All students will show an increase in Creativity, Self-Esteem and Social-emotional Development, as measured by pre and post assessments and/or students surveys.

### **Pretest Results & Program Goal 1:**

A total of 106 intermediate school students completed the pre-tests. Of all 106 students, **57% scored 0** (No knowledge of basic Art concepts, techniques and vocabulary); **26% scored 50** (Some knowledge of basic Art concepts, techniques and vocabulary) and **17% scored a 100%** (a perfect score). Therefore, the majority of the student population (**83%**) had little or no knowledge regarding the basic concepts, techniques and vocabulary of the art making process.

### **Posttest Results & Program Goal 1:**

The same number of students completed the post-tests. Of all 106 students, **74% scored 100%** (a perfect score!), **14% scored 50%** (some basic art knowledge), and 12% of the students scored 0 on the test. These results show that **the majority of the students (88%) scored 100% on the test or 50%**. In addition, these results demonstrate a significant increase in students' knowledge, proficiency and understanding of the basic elements and principles of Art and Vocabulary enrichment. **See Chart 1 for pre/post test scores.**

### **Comparing Pre and Post test Results and OCCTAC Program Goal 1:**

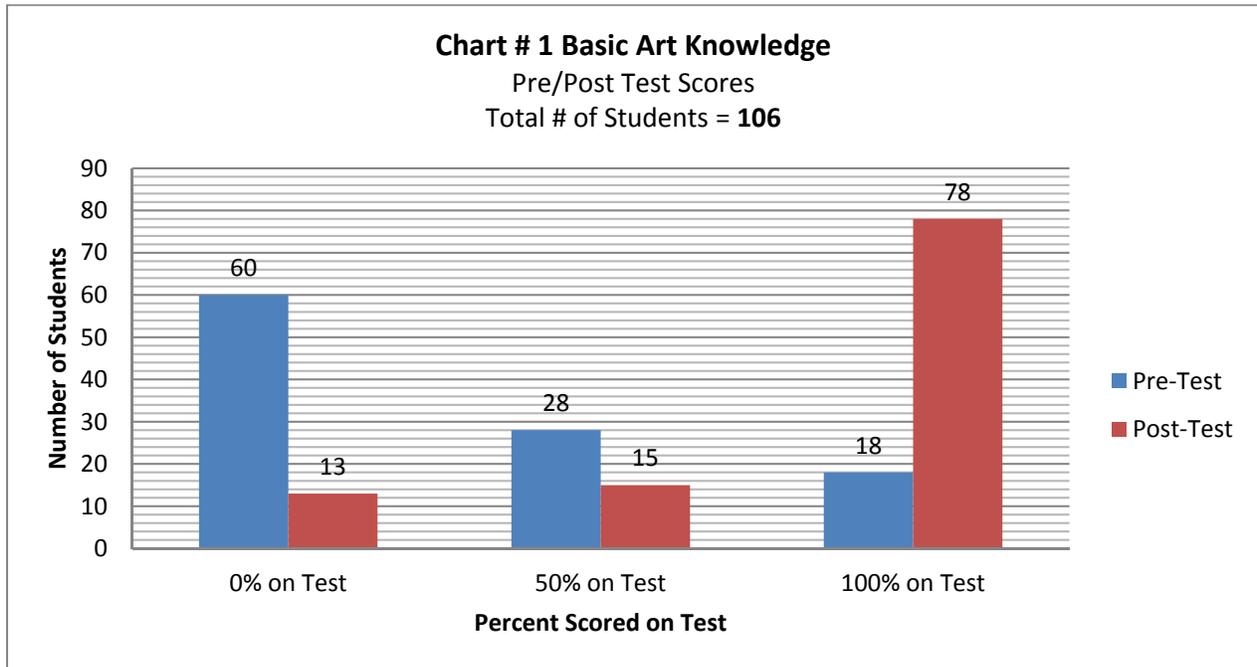
As observed below in our Pre and Post-tests results with Intermediate School students, **74% of all Intermediate School students scored 100% on the Post tests, compared to 57% of students that scored 0% (No knowledge) on their pre-test scores.** This significant difference between pre and post test scores indicate that students that knew nothing about the Art making process (basic concepts, vocabulary and techniques) demonstrated a significant increase in knowledge, proficiency and understanding of the basic elements and principles of Art and Vocabulary enrichment. These results exceed our expectations and predictions for Program goal 1 - Learning the Basic Concepts, Techniques and Vocabulary of the Art making process (70% of all students will demonstrate an increase in basic art knowledge, etc.). Please see **Chart 1** below to review the total number of students' and percentages across both pre-test and post-test scores.



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The chart below represents the Pre and Post test scores for all intermediate school students enrolled in our program from 8/14/2017 – 12/21/2017, and from the following intermediate schools: ALAEC, Carr, Lathrop, MacArthur, McFadden, Spurgeon, Villa and Willard Intermediate.



Please see [pages 5 - 8](#) to review individual School Test Scores. [Charts 2 – 9](#) show the total number of students enrolled in the program that took the pre and posttests per school, and their scores/ percentages results per school.

As observed in each chart per school, most students enrolled in our program, show an increase in learning basic concepts, techniques and Art vocabulary as measured by the pre and posttest scores. However, some schools had significantly higher percentages than other schools. Although all 8 schools show increases from pre to post test scores, **the 4 schools which demonstrated most significant increases from pre to post-tests and higher number of students who scored perfect (100%) in their post tests were:**

- 1) Mc Fadden Intermediate – (100% perfect post test scores )
- 2) Lathrop Intermediate - (91% perfect post test scores)
- 3) Advanced Learning Academy - (80% perfect post test scores)
- 4) Willard Intermediate – (68% perfect post test scores)

We did not include Carr (100%) and Spurgeon (100%) student scores in the summary above, because they had a very small number of students in the program. However, they also did very well during their posttests. Villa Intermediate School is the only school that scored low in comparison to all the other schools. We will look more into any possible factors affecting the students' pre and posttest scores and further investigate this outcome.



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## Summary of Student Responses (Qualitative Analysis)

### **Qualitative Analyses and OCCTAC Program Goal 2:**

A key focus of our program is to Foster students' Creativity, Self-esteem and Social-Emotional Development. We predicted that all students would show an increase in Creativity, Self-Esteem and Social-emotional Development, as measured by pre and post assessments and students surveys. A qualitative analysis was conducted with one **open-ended question/response** in both Pre and Post-tests: **“How can/did Art help Me?”**

The student responses from all **8 schools** were coded and categorized in the following 6 areas:

- 1 - Creativity
- 2 - Socio-Emotional
- 3 - Cognitive
- 4 - Language
- 5 – Motor
- 6 - Other

Overall, the students shared a variety of responses in both pre and posttests. However, **the highest category of student responses across all Intermediate schools was “Artistic/Creativity” gains** in both pre and post test scores. Most interestingly, their responses were equally divided between the other 3 categories: **1) Socio-Emotional, 3) Cognitive/Academic and 3) “Other”** types of responses. The majority of “Other” category referred to students statements, such as: “I don't know”. Most importantly, most students expressed learning some very important skills in their Art enrichment class, such as: 1) **Social Skills** (working together/teamwork), 2) **Emotional Skills** (expressing feelings, reducing stress, feeling better), and 3) **Cognitive** (attention span, concentration, new skills).

### **The following are some examples of student statements for Artistic/Creativity growth:**

1. “The Art class can help me be a better artist.”
2. “Art class can help me be more creative.”
3. “Art class can help me by bringing together my creation..”
4. “It can help me understand more the elements of art.”

### **The following are some examples of student statements for Socio/Emotional growth:**

1. “Art class helps me deal with stress and makes me feel better.”
2. “It helps me better at working with others and getting better at drawing”
3. “My art class is an escape from my life.”
4. “...help me expres (express) myself.”
5. “It can help calm my stress.”

### **The following are some examples of student statements for Cognitive/Academic growth:**

1. “It help me lern (learn) valuable skills.”
2. “Art class can help me with focusing on my work.”
3. “By showing new stuff which makes the class more interesting.”
4. “My art class can help me by letting me know the different types of art I didn't know about.”

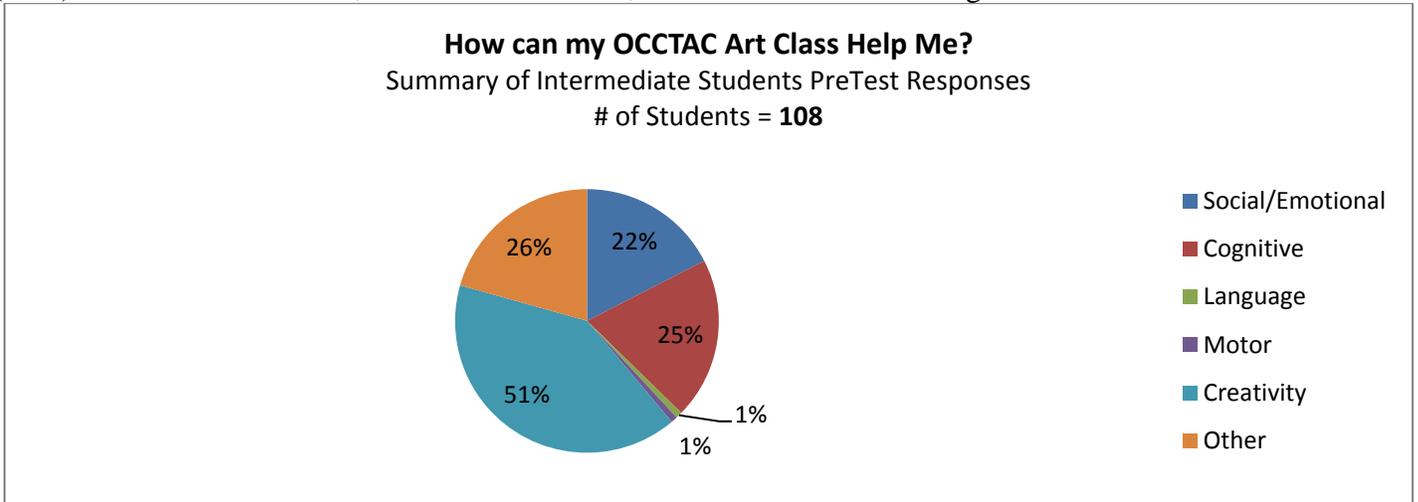


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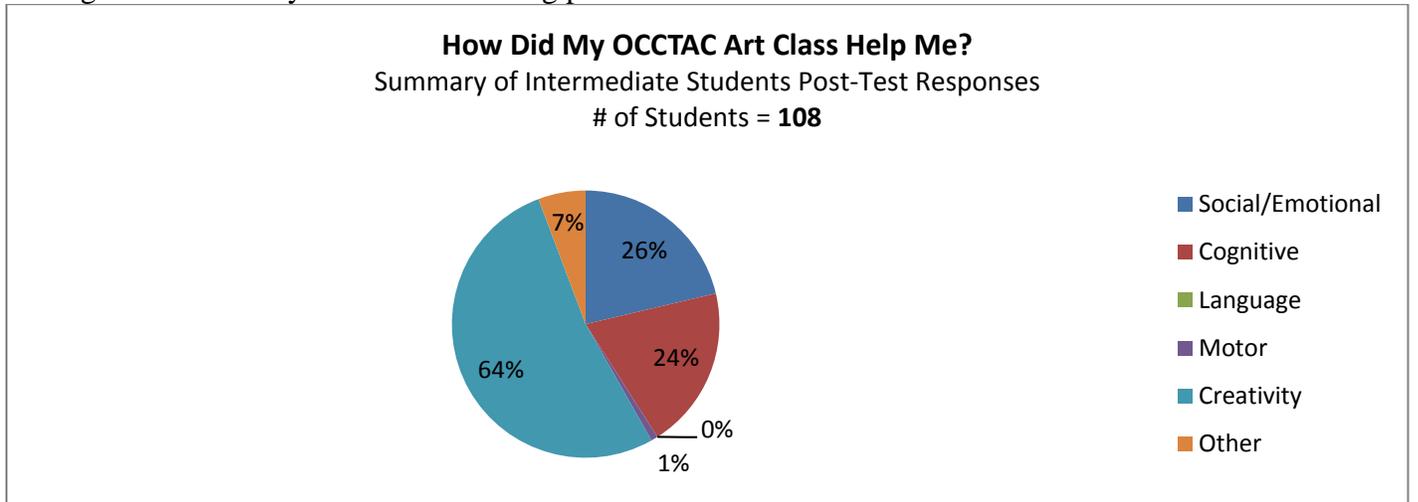
## Open Ended Question/ Qualitative Analysis - Pre Tests:

A total of 108 students enrolled in our program took the pre-tests and their answers were coded, analyzed and categorized accordingly. As noted previously, the highest category of responses was “**Artistic/Creativity**” (51% of student responses). In addition, students responses were equally distributed between the 3 other categories, as noted below: 1) “Cognitive/ Academic” (25%), 2) “Socio-Emotional” (22%) and 3) “Other” (26%). As mentioned before, students’ statements, “I don’t know” were categorized under “Other.”



## Open Ended Question/ Qualitative Analysis - Post Tests:

The same number of students (108) took the post-tests, and responses were analyzed and categorized accordingly. Once again, the majority of student statements were recorded under “Artistic/Creativity” (64%) category. Also, student responses increased from 51% (pre-tests) to 64% (post-tests). However, **the “other” category (“I don’t know”) decreased significantly from 26% to 7% on the posttests**, and the **“Social/Emotional” category of responses increased from 22% (pretests) to 26% (posttests)**. As in previous findings, we continue to observe that students’ responses demonstrate their understanding and perception that the Art process helps them grow in other important areas of development (socio-emotional skills), as much as learning about creativity and the Art making process! Please see chart below.



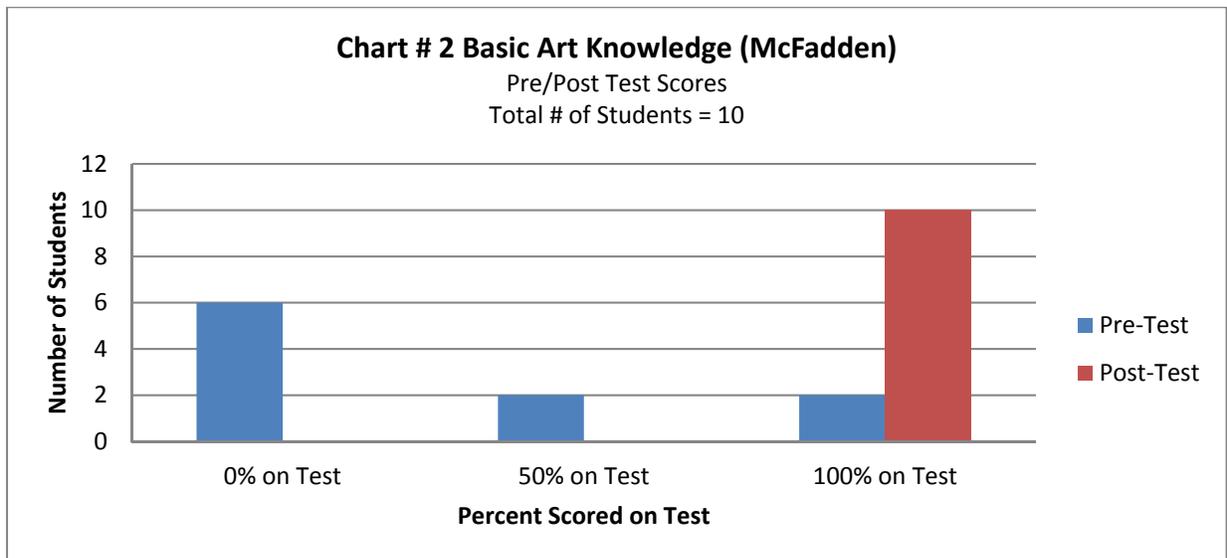


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## Summary of Student Responses per Individual Schools – Basic Art Knowledge

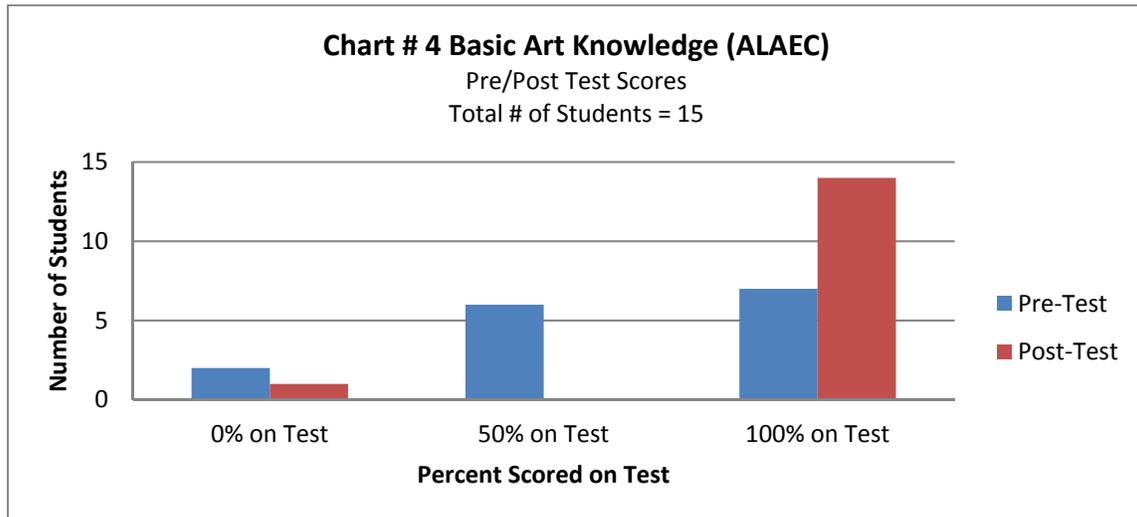
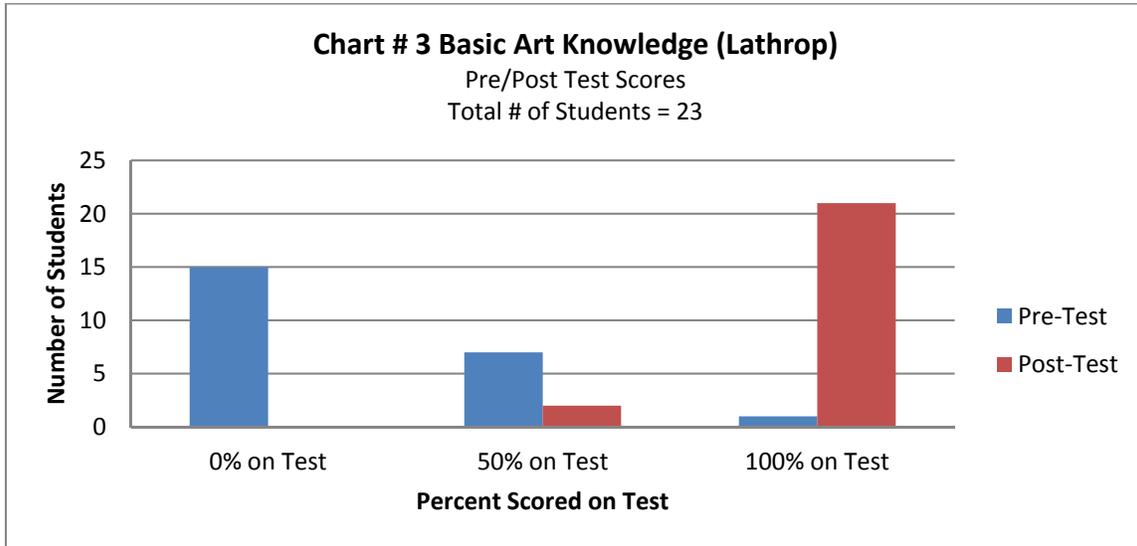
As stated in page one of this summary, 74% of all Intermediate school students had a perfect score during their posttests compared to 57% of students that scored 0% (no knowledge) during their pretests. This shows a significant increase in proficiency and understanding of the basic elements and principles of Art and Vocabulary enrichment. The charts below represent the numbers and percentages of pre and posttest scores per Intermediate school. As mentioned previously, the 4 schools which demonstrated the most significant increases from pre to post-tests, and higher number of students who scored perfect (100%) in their post tests were: 1) Mc Fadden Intermediate, 2) Lathrop Intermediate, 3) Advanced Learning Academy and 4) Willard Intermediate School. See below individual charts per school.





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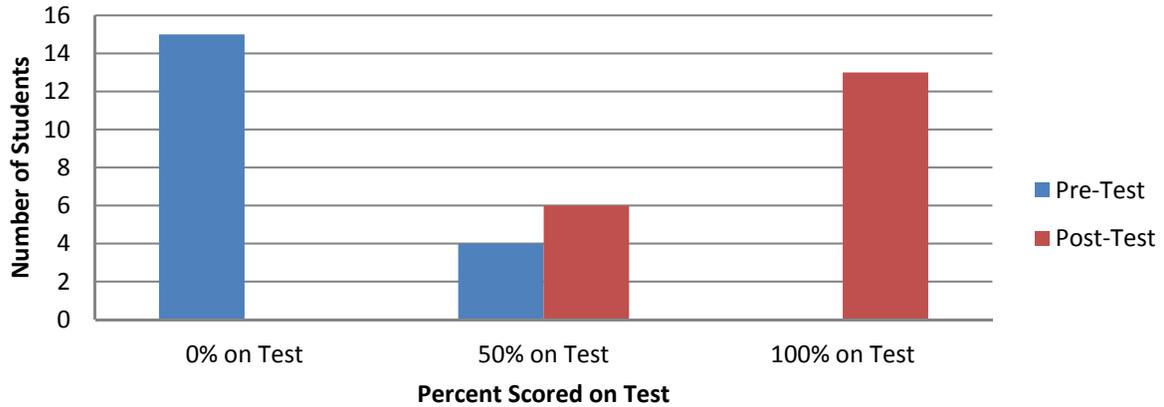


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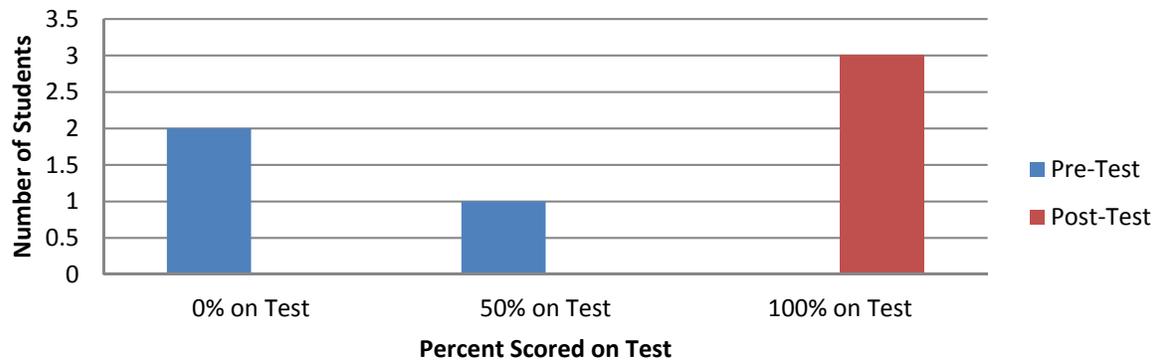
**Chart # 5 Basic Art Knowledge (Willard)**

Pre/Post Test Scores  
Total # of Students = 19



**Chart # 6 Basic Art Knowledge (Spurgeon)**

Pre/Post Test Scores  
Total # of Students = 3



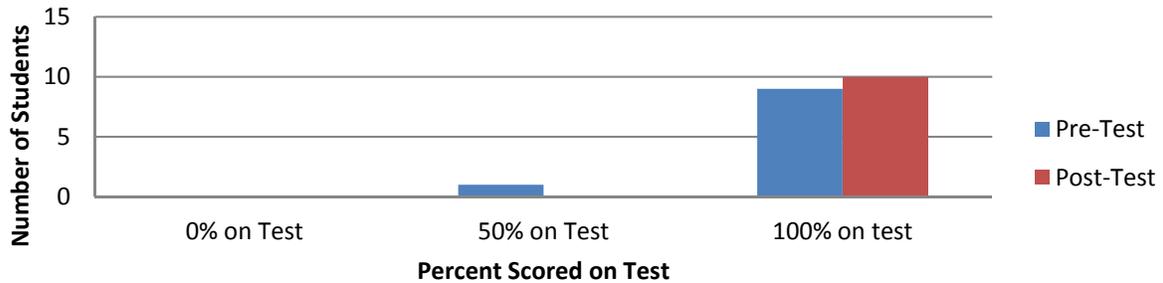


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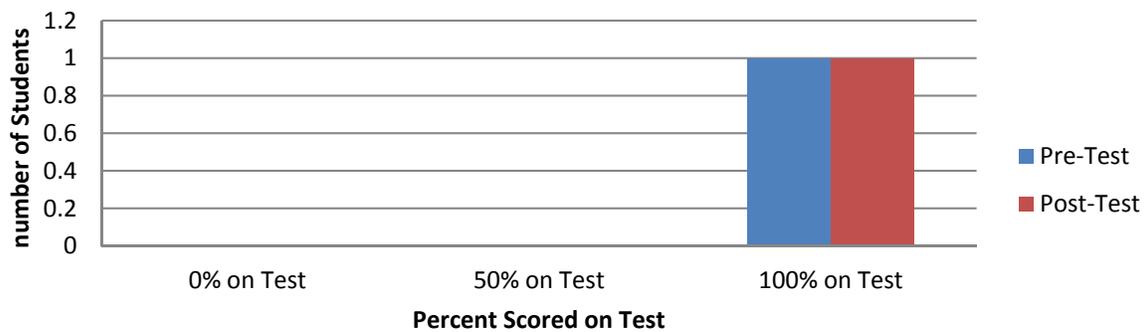
**Chart #7 Basic Art Knowledge (MacArthur)**

Pre/Post Test Scores  
Total # of Students = 10



**Chart # 8 Basic Art Knowledge (Carr)**

Pre/Post Test Scores  
Total # of Students = 1



**Chart # 9 Basic Art Knowledge (Villa)**

Pre/Post Test Scores  
Total # of Students = 27

