MISSION: IGNITE
Tapestry Charter School
Digital Learning Lab
Summary Report
2018-2019 School Year
Overview

MISSION: IGNITE partnered with Tapestry Charter School to run an early morning Digital Learning Lab for Middle School students. MISSION: IGNITE ran 2 Learning Labs. Each Lab ran 8 weeks, for 2 hours each day. A total of 32 hours of Program Connectedness was provided to the students. Twelve students participated in session 1; thirteen students participated in session 2. First session program dates were: 10/29, 11/5, 11/26, 12/3, 12/10, 12/17/18 and 1/7, 1/14/19. Second session program dates were: 2/4, 2/11, 3/4, 3/11, 3/18, 3/25, 4/1, 4/8/19.

Learning Lab First Session
The Everfi online learning system was used for this program. Students completed the Endeavor (Career Exploration), Hockey Math (Math in the Hockey world), and Hockey Science (Science in the Hockey world) lessons. 15 minutes each class was devoted to 'get up and play' time. Students stretched their bodies, played penny hockey, played Yardzee, played balloon volleyball, created angles and geometric shapes from licorice, and carried out a baking soda, vinegar and carbon dioxide experiment.

An invitation by the Buffalo Sabres and Everfi to a team practice and STEM discussion was the ultimate culmination of the First Session!

Learning Lab Second Session
The Everfi online learning system was also used for this program. Students completed lessons called Healthier Me (Wellness Education), Vault (Understanding Money), Future Smart (Smart Money), and Ignite (Digital Literacy). Students showing interest in programming were also introduced to code.org, an online coding learning system.
Learning Lab Demographics

| #Male | #Female | Min Grade | Max Grade | Ave Age | Ave # people in home | Ave # students reported female head of household | Ave Median Income | % Black or AA | % Asian | % Hisp | % Other |
|-------|---------|-----------|-----------|---------|---------------------|-----------------------------------------------|-------------------|--------------|---------|--------|--------|--------|
| 13    | 9       | 6th       | 8th       | 11.6    | 5                   | 4                                             | 43,055            | 25%          |         |        | 75%    |

General Observations

- Two hours is a long time to be seated in front of a computer; a 15-minute break is necessary.
- Students who came to learn did very well. They enjoyed the challenges of the lessons.
- Students who came to learn enjoyed seeing their level of knowledge grow each week.
- Students thoroughly enjoyed the break activities.
- Students shared their science thoughts and knowledge during the break times.
- Hockey math & science, plus budgeting modules were most enjoyed.
- Students who felt this was the best of the worst option for before school time got the least out of it.
- A hard cut off time for entry is required to avoid disruptions and having to re-start each lesson multiple times with students arriving late.
Assessment Statistics

Presented below are Everfi Pre and Post Assessment scores. In general, Post Assessment scores were higher than Pre-Assessment scores. When Pre-Assessments were higher than Post, student interest in the subject matter and/or the desire to ‘just finish’ were observed as likely candidates for the lower assessment values.
### Tapestry Digital Learning Lab 2018-2019

<table>
<thead>
<tr>
<th>Statement</th>
<th>Percentage Strongly Agree</th>
<th>Percentage Agree</th>
<th>Percentage Disagree</th>
<th>Percentage Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>I learned more than I thought I would in this class</td>
<td>50%</td>
<td>50%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>The contents of this class are right for students my age</td>
<td>0%</td>
<td>75%</td>
<td>0%</td>
<td>25%</td>
</tr>
<tr>
<td>I would recommend this class to my friends</td>
<td>50%</td>
<td>25%</td>
<td>25%</td>
<td>0%</td>
</tr>
<tr>
<td>This class encouraged me to think about a career in the computer/technology field</td>
<td>25%</td>
<td>25%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>The teacher presented the materials clearly</td>
<td>50%</td>
<td>50%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>The teacher made the class material interesting</td>
<td>25%</td>
<td>75%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>The teacher cared about whether we learned the course material</td>
<td>0%</td>
<td>75%</td>
<td>25%</td>
<td>0%</td>
</tr>
<tr>
<td>I was challenged to do my best in this class</td>
<td>25%</td>
<td>75%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>I learned new things about computers in this class</td>
<td>25%</td>
<td>25%</td>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>Because of my training, I am able to show my friends and family new things about computers and software</td>
<td>0%</td>
<td>75%</td>
<td>25%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Overall, on a scale of 1 to 10, where would you rate this course (10=high)?  
Average Rate 8.0

"Developing Student Interests"

**Attitude & Discoveries Matter:**

- 100% agreed that they learned more than they thought they would.
- 100% agreed that caring, engaged and trained staff matters!
- 100% agreed they were challenged to do their best.

Chart i.- Results show that all students (100%) agree or strongly agree that they learned something new about computers indicating that the curriculum is different than what is presented to them in other classes. Overall student satisfaction is indicated, with 100% of students reporting that they would recommend this class to friends.
Student Survey Results:

*student responses have been transcribed without correction

What part of this course did you like the best?

- I loved every piece of the course!
- The everfi games
- All of it

How will you use what you learned in school?

- I don't know how I will use what I learned
- save more
- I will applicate it in life

How would you change this course to make it better? *(More or Longer references, anecdotes)*

- This course is the best. I would not change a thing
- IDK
- I'm clueless

Is there anything else we should know about this class?

- I feel like people need to learn everything I learned
- It is kinda fun & boring
- It's great