

Pennsylvania Middle School Computer Fair Competitors



Room Information

Room Information	
Judges' Room	Holland Union Building (HUB) - Mary Dickinson Room
Competition	Holland Union Building (HUB) - Social Hall
Digital Movie Projects	Holland Union Building (HUB) - Side Rooms 201 & 202
Workshops	Holland Union Building (HUB) & Tome Science Building & Tome Science Building (HUB)
Lounge/Seating Area	Underground Relax in the lounge or seating area.
Dining Hall	Lunch will be provided for all students, sponsors, judges, and workshop presenters.
Dining	Guests are welcome to join us in the Dining Hall but must pay \$7.25 per person for lunch.
Awards Ceremony	Anita Tuvin Schlechter Auditorium (ATS)

Schedule of Events MAY 24, 2017

Registration area prior to the opening ceremony

Submit your name in the workshop raffle boxes found in the

Dickinson College at the registration table

Sign up for the tour of

Please print your name in the workshop raffle boxes found

Dickinson College at the registration table.

Sign up for the tour of

Sign up for the tour of

Animation	
Project ID 6742	Connor Hayt, Matthew Farrow, Boyce Middle School
Project ID 6338	Madison Fessler, Gwenodlyn Hamilton, DHH Letter Log
Project ID 6789	Arditya Kenedie, Eagine View Middle School
Project ID 6830	Jacob Schucker, Jakob Showers, ELCO Middle School
Project ID 6479	Riley Bossick, Forest City Regional School
Project ID 6560	Sophia Shi, Richa Mahajan, Reshma Gudla, Fort Cough Middle School
Project ID 6436	Gerrit Randolph-Klouw, Queenen Minard, Frez Mizrahi Middle School
Project ID 6252	James Fanjoy, Evan Maytas, Shaunagee School
Project ID 6626	Kayla Lawry, McGuire Elementary/Middle School Middle School
Project ID 6652	Suzarex Hedges Terrace Elementary/Middle School
Project ID 6804	Wayne Karandav, Mustafa Can, Neill A. Armstrong Middle School
Project ID 6667	Charles Pascaul, St. Andrew Valley Middle School
Project ID 6410	Emma Daily, Shamokin Area Middle School
Project ID 6573	Ravitjeja Kanthamneni, Vedavas Jampaaboyana Springhouse Middle School
Project ID 6689	Andrew Mara, Joseph Sackor, Kylo Mitchell, Tilli Middle School
Project ID 6782	Sidharth Gaikwad, Treyyffrin Faststrom Middle School
Project ID 6306	Magedelana Burdick, Morgan Roy, Troy Limermed School
Project ID 6298	Richard Wang, Jonathan Burton, Mississickon Middle School
Project ID 6299	Russell Hoyt, Nathan Daquanno, Mississickon Middle School

10:00 a.m. - 11:00 a.m.Tour of Dickeykison College (optional)	11:30 a.m. - 1:00 p.m....Lunch	11:30 - Schools beginning with the letters A-M	12:15 - Schools beginning with the letters N-Z	12:00 p.m.Tier II judging Begins	1:00 p.m. - 1:30 p.m.Students View Projects	1:30 p.m.Awards Ceremony (ATS)
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- **Breakout EDU (Game Options): HUB 203, 204, 205**
 - Session A: 9:30 - 10:30 a.m.
 - Session B: 10:45 - 11:45 a.m.
- **Kahoot! Trivia: TO ME 120**
 - Session A: 9:30 - 10:30 a.m.
 - Session B: 10:45 - 11:45 a.m.
- **Lunar Dynamics: TO ME 118**
 - Session A: 9:30 - 10:30 a.m.
 - Session B: 10:45 - 11:45 a.m.
- **MATH 24 Mini Challenge: TO ME 122**
 - Session A: 9:30 - 10:30 a.m.
 - Session B: 10:45 - 11:45 a.m.

9:30 a.m. - 1:00 p.m.....Workshops (with break for lunch)

9:00 a.m. Tier I Judge's Begims

9:00 a.m. - 9:30 a.m. Welcome (ATS)

7:30 a.m. - 8:45 a.m.....Computer Set-Up

7:30 a.m. - 8:45 a.m. Computer Set-up

Schedule of Events MAY 24, 2017

Schedule of Events May 24-2017

registration area prior to the opening ceremony.

Submit your name in the worksop raffle boxes sound in the

3/29/17

Computer Fair

Aditya Kende

PA PIXELATED LOGO

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Research:

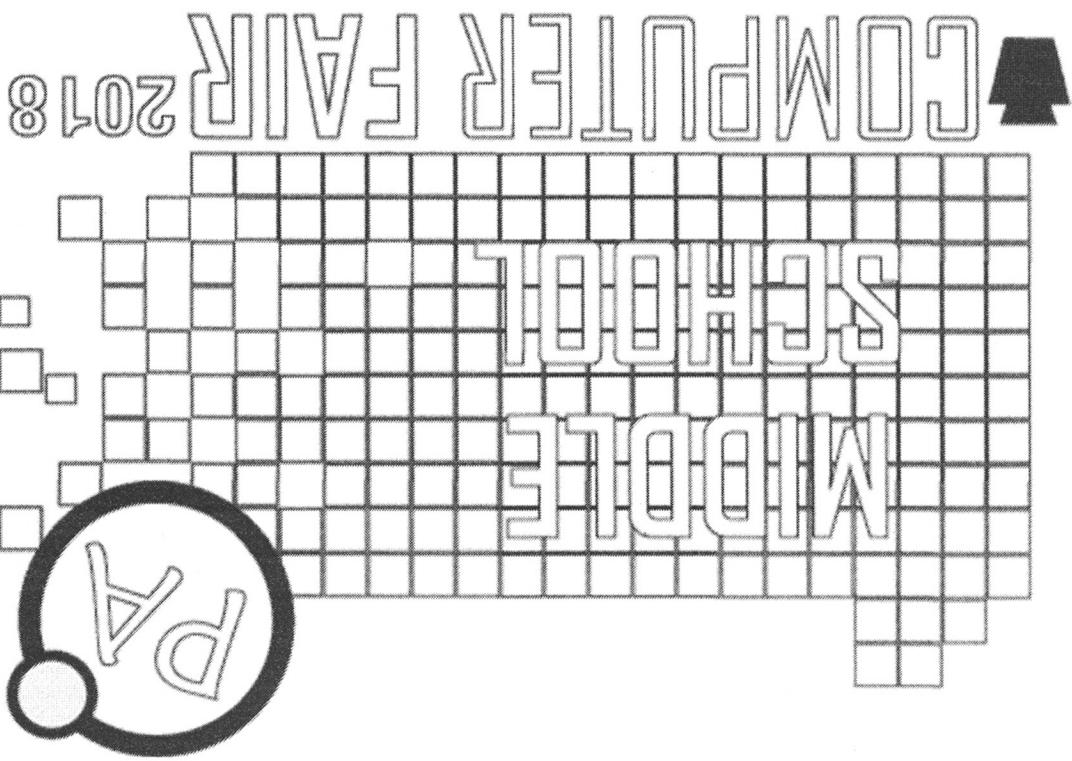
To get a good feel of the great experience I am going to have, I have decided to conduct some research before beginning to brainstorm logo ideas. One great source I encountered while researching online was a website called designshack.net. The main points I gathered from this website was that the color scheme was extremely vital from setting the message and tone of the logo. In addition, designshack.net stated, "This is not a superficial decision, color carries meanings and communicates ideas". This implies that the color is not only important for looks but is significant for communicates ideas. Furthermore, I then came across an article titled, "25 Logo Design Tips for the Experts" on the creative blog post website. This website supported me with an expert's advice on creating and designing logos. One important tip he stated in the blog post was the importance of taking the time to explore letter combinations and font types. Once I had that in mind, I began to get an idea of what my logo would look like.

Software:

In the beginning, I wanted to use a basic tool that would create logos. However, after testing simple softwares such as Google Drawings, online logo maker, and Microsoft Paint, I concluded that the software was too basic and I needed a more professional tool to create my logo. As a result, I settled on a software by Adobe named Adobe Illustrator. At first glance the program looked too complicated, only the experts could use this. But after a while of playing around and testing features out, I knew this was the best I could ask for.

Brain Storming Ideas:

- PA Pixelated Logo
- The Keystone Plugging into the Wall Logo
- Information on a Screen Logo
- Computer Fair on a Keyboard Logo
- PA Stated Morphed into a CPU and a Monitor Logo
- Unity and Wi-Fi like Logo
- Circuit Board like Logo



glamorous eye-lifting effect.

To start, I began to draw ideas for the pixelated logo. First I began with a simple but elegant outline of Pennsylvania. Then, I began to add the pixelated squares into the outline of Pennsylvania. Afterward, I added the PA sign at the top of the outline. Once it was completed, I added the text to the logo, resulting in a

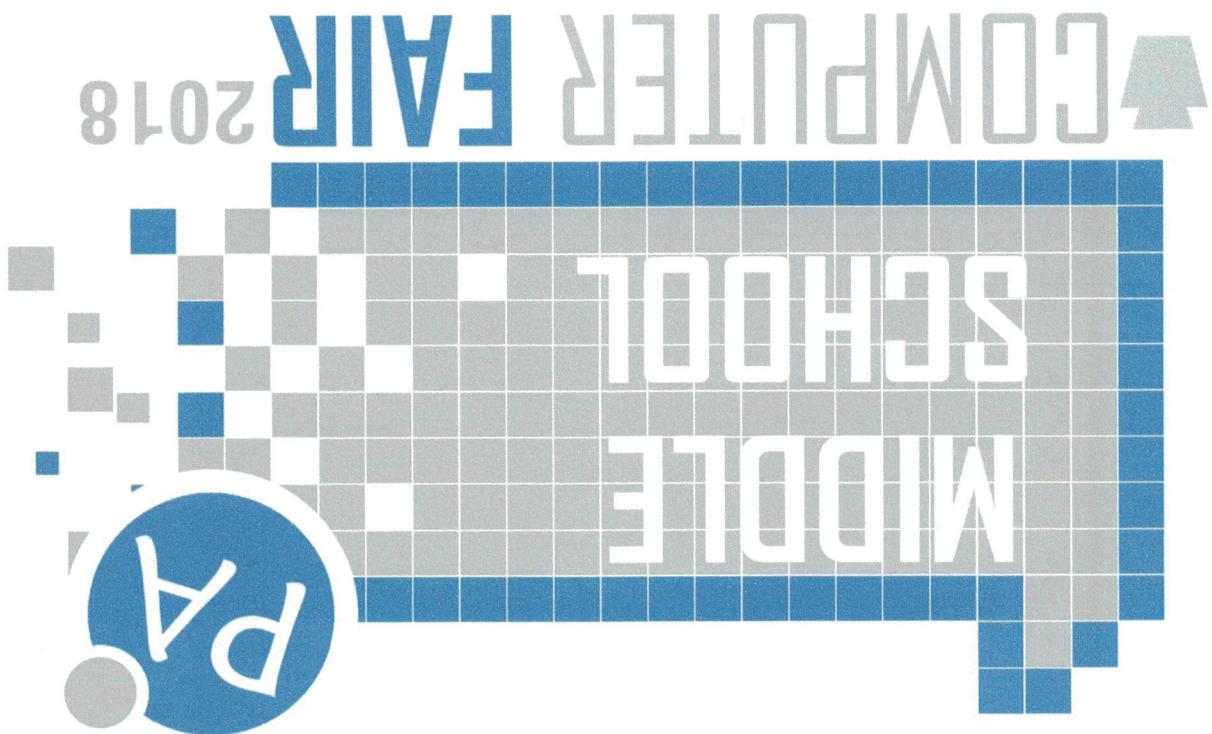
Concept:

At the start, fonts don't seem like a big deal, but in reality, they are. This is because fonts convey emotion, feeling, and thoughts to the viewer. Additionally, I wanted a font type that is elegant, light, has a professional appeal, and a font that you often see on banners, logos, newspaper, etc. Thus, I settled upon a font called Agency FB. This font met all my criteria I wanted in terms of fonts.

Typegraphy:

As I began designing my project, I wanted to resemble a cool and calming color that shows creativity as well as a color that is comparable in a sense that you can do Computer Fair, but if you don't want to that still look as they would if a professional pick them out.

Color Choice:



In the end, I finished coloring the logo. The result is this eye-catching outcome.

Final Logo:

I drew the outline of Pennsylvania pixelated to represent the further rapid growth in technology and to represent the uniqueness/individuality. The growth in technology shows the how far we have come from ground zero. In addition, the PA sign at the top right represents a solar eclipse. A solar eclipse occurs when the moon passes in front of the sun. Similarly, the gray dot is the moon at the blue dot is the sun. The gray dot can try all it wants to block the blue dot, but it can't because the blue dot is much bigger. This indicates that technology can't be blocked just like the blue dot can't be either.

Symboism:

Advertisement:

Now that I have created a logo, I have to advertise my logo. I have done this by printing my logo on t-shirts, mousepads, business cards, and a water bottle. I then decided to put the title of my project, which is "PA Pixilated Logo" on the top center of the tri-fold poster, and beneath it would be the image of the logo. I would also place the narrative and works cited page on the right side of the tri-fold poster and the storyboard on the left side. Additionally, I have also made a condensed version of the whole poster board for your convenience. Not only that, but we would have specific locations to place the water bottle, t-shirt, business card, and the mousepad. From there, I would add some minor changes to enhance and improve the outcome of the project.

Works Cited:

Carson, Nick. "25 Logo Design Tips from the Experts." Creative Blog. Creative Blog ART AND DESIGN INSPIRATION, 9 Feb. 2017. creativeblog.com/graphic-design/pro-guide-logo-design-21221/2.

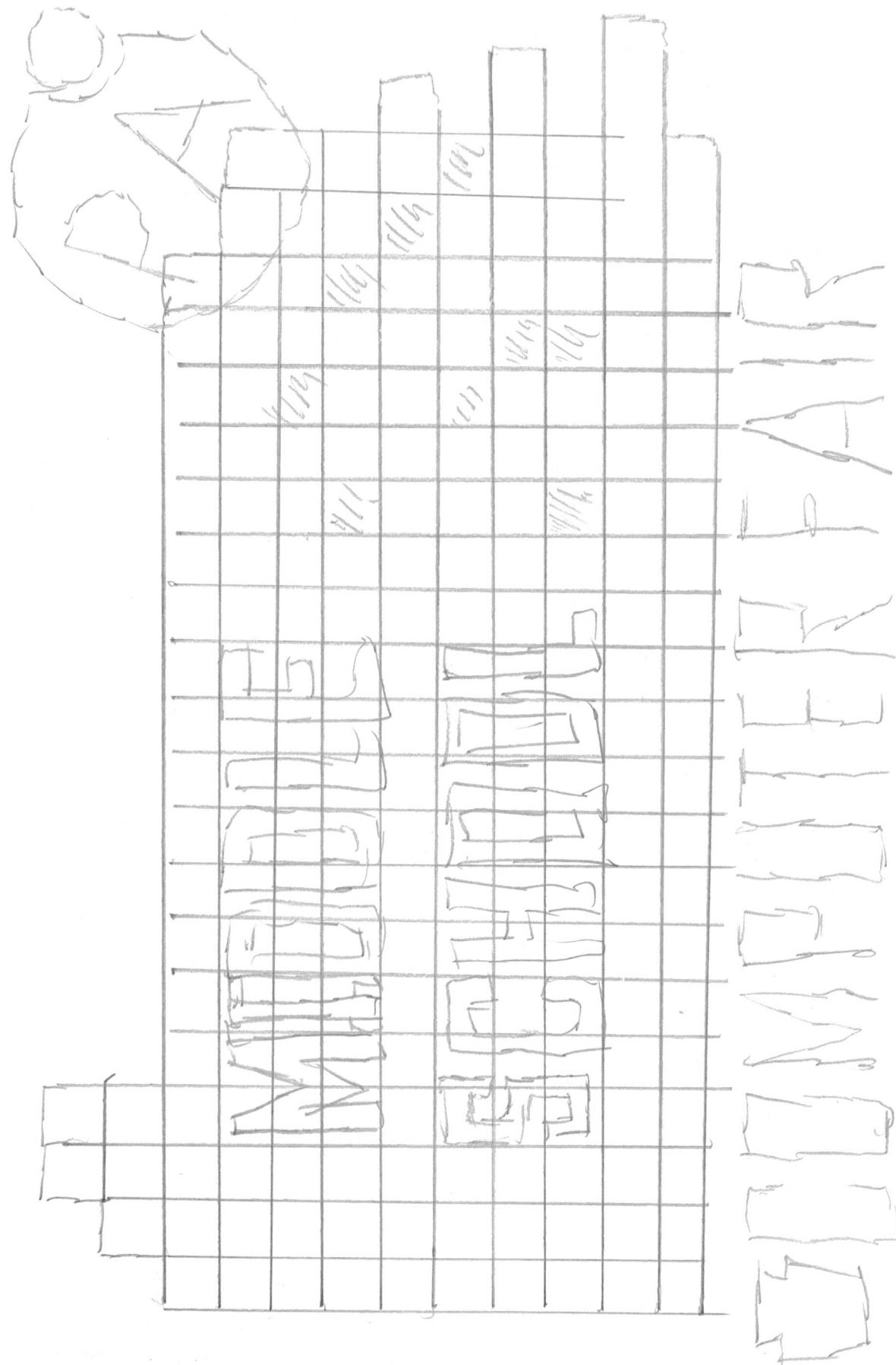
Accessed 28 Mar. 2017.

This sources helped me by giving me an experts intake on creating a professional logo.

"Design Shack - Web Design Gallery. Articles & Community." 10 Tips for Designing Logos That Don't Suck | Design Shack. designshack.net/articles/inspiration/10-tips-for-designing-logos-that-don-t-suck/.

Accessed 28 Mar. 2017.

This sources helped me by giving me a basic understanding of what makes and good logo.



Project Title What is Weather?
 Project ID # 16300
 Judge # 13

PA Media and Design Competition

Programming Scoring Guidelines

- Narrative description is present
 Copyright information and credits are clearly displayed with the project
 Pseudo code is displayed or available

	4	3	2	1	Score
Documentation	Code is well documented and commented. Clear end-user documentation is provided explaining software.	Documentation and coding provided, but may be incomplete or not particularly well thought-out.	Documentation and commenting is confusing and/or missing essential explanations of features and functionality.	No documentation or code commenting provided.	4
Pseudo Code	The pseudo code was clear, easy to understand, described the entire program correctly.	The pseudo code was somewhat clear, understandable and described the program correctly.	The pseudo code was unclear, hard to understand, did not fully describe the entire program correctly.	The pseudo code was extremely poor.	4
Problem Solving	The problem was clearly defined. The program solved all the problems. Works correctly in all cases.	The program solved all of the problems but not in the most clear and logical manner. The code solves the problem, but not in the most elegant and reusable way.	The program did not solve the problem well and was unclear and illogical. The code solves the problem but in a complicated, unclean manner.	The program did not solve the problem at all and would be entirely unusable.	4
Coding Convention	The code is well organized, easy to follow (tabbed, indented, no ambiguous variable names, etc.), and reusable.	Code is well thought out and clean, but may not adhere to strict coding standards.	Code is thrown together with little thought given to standards and re-usability.	Code is difficult to follow with little or no thought given to coding standards.	3
User Interface	Interface is intuitive, well thought out, organized, clean, provides access to all features of the software, and is aesthetically sound. The type of user interface is truly relevant to the program created. User input is validated. All input prompts are easy to understand.	Interface is usable, but may not be as well implemented as possible. The type of user interface is relevant to the program created. All expected software features are accessible. Some user inputs are difficult to understand.	Interface is non-intuitive, and visually distracting or unappealing. The type of user interface is slightly relevant to the program created. Target use inputs not properly identified.	Interface does not provide access to essential features of the software or is unusable. The type of user interface is irrelevant to the program created. Input prompts are difficult to understand.	4

Comments:

Using classes to encapsulate logic would clean up code significantly. Total: 19

Awesome use of external web Service (Please note it in copyright section).

Certificate of Participation

Awarded to

Aditya Kendre

For participating in the

Pennsylvania Regional

Media and Design Competition

March 26, 2019

Jill Neuhard

Jill Neuhard
Educational Services Supervisor, CAIU



InSTRUCTIONS TO OPEN APP:

1. If power is off, push the 2nd button of the right edge of the phone.
2. Swipe up to unlock the phone
3. On the Home screen, there should be a turquoise colored app with an android icon. The name of the app should be My Weather App

This program will display the temperature and display cloths that would fit the temperature.

Pseudo Code:

MainActivity.java:

```
On create()
    if clicked on alert box
        Alert box with input field and cancel and change option
        If cancel
            Set city to new city
        If change
            Exit box
            backgroundRun(API Key)
            Imporrt data
            Separate parts of data
            set fields in app equal to data
    Main function()
        if temp > 60
            display shirt
            Else if temp > 45
                display shorts
            Else if temp > 30
                display hoodie
            display pants
        Create notification
        Set notification time
```

```
backgroundRun(API Key)
getAPI Key
generate access link for data
```

```
Main function()
```

```
Imporrt data
```

```
Separate parts of data
```

```
set fields in app equal to data
```

```
if temp > 60
    display shirt
    Else if temp > 45
        display shorts
    Else if temp > 30
        display hoodie
    display pants
```

```
Create notification
Set notification time
```

Calculation.java:

```
networkAvailable()
```

```
connectionAPI()  
(establish connection)
```

```
weatherIcon()  
given weather ID from data  
if id = 1  
weather icon = cloudy  
else if id = 2  
weather icon = sunny  
weather icon = snowy
```

```
Else if id = n  
weather icon = snowing
```

`SplashScreen.java:`

```
Create splash screen for 1.5 seconds
Splash text = "What to weather?"
```

```

1 // Aditya Kende
2 // January 2019 - March 2019
3 // Function.java
4 // Creates Connection with API host and weather icon
5 package com.androstock.myweatherapp;
6
7 import android.content.Context;
8 import android.net.ConnectivityManager;
9 import android.os.BufferedReader;
10 import java.io.BufferedReader;
11 import java.io.InputStream;
12 import java.io.InputStreamReader;
13 import java.net.HttpURLConnection;
14 import java.net.URL;
15 import java.util.Date;
16
17 public class Function {
18
19 // Checks WiFi
20 public static boolean isNetworkAvailable(Context context)
21 {
22 return ((ConnectivityManager) context.getSystemService(Context.CONNECTIVITY_SERVICE)).getActiveNetworkInfo() != null;
23 }
24
25
26
27 public static String executeGet(String targetURL)
28 {
29 URL url;
30 HttpURLConnection connection = null;
31 try {
32 //Create connection
33 url = new URL(targetURL);
34 connection = (HttpURLConnection)url.openConnection();
35 connection.setRequestProperty("Content-type", "application/");
36 connection.setRequestProperty("Content-Language", "en-US");
37 connection.setUseCaches (false);
38 connection.setDoInput(true);
39 connection.setDoOutput(false);
40 connection.getOutputStream();
}

```

```

41 InputStream is;
42 int status = connection.GetResponseCode();
43 if (status != HttpStatusCode.OK)
44     is = connection.getErrorStream();
45 else
46     is = connection.getInputStream();
47 BufferedReader rd = new BufferedReader(new
48 String line;
49 StringBuffer response = new StringBuffer();
50 while((line = rd.readLine()) != null) {
51     response.append(line);
52     response.append("\r\n");
53 }
54 rd.close();
55 return response.toString();
56 }
57 finally {
58     return null;
59 }
60 if(connection != null) {
61     connection.disconnect();
62 }
63 }
64 public static String setWeatherIcon(int actualId, long sunrise, long
65 // Calls font family (weather icons)
66 // sunrise >= current time < sunset
67 int id = actualId / 100;
68 String icon = "...";
69 if(actualId == 800) {
70     long currentTime = new Date().getTime();
71     if(currentTime >= sunrise && currentTime < sunset) {
72         icon = "g#xf00d,";
73     }
74     else {
75         icon = "g#xf02e,";
76     }
77     switch(id) {
78     case 2 : icon = "g#xf01e,";
79     break;
80     case 3 : icon = "g#xf01c,";
81     break;
82     default : icon = "g#xf02c,";
83     break;
84     }
85 }
86 }
87 }
88 }
89 }
90 }
91 }
92 }
93 }
94 }
95 }
96 }
97 }
98 }
99 }

```

```

82     case 7 : icon = "g\xf014;";}
83     break;
84     case 8 : icon = "g\xf013;";}
85     break;
86     case 6 : icon = "g\xf01b;";}
87     break;
88     case 5 : icon = "g\xf019;";}
89     break;
90   }
91   }
92   return icon;
93 }
94
95
96 }
```

```
1 // Aditya Kende
2 // January 2019 - March 2019
3 // MainActivity.java
4 // Imports and reads data
5
6 package com.androstock.myweatherapp;
7
8 // dependencies
9 import android.app.AlertDialog;
10 import android.content.DialogInterface;
11 import android.graphics.Typeface;
12 import android.os.AsyncTask;
13 import android.os.Bundle;
14 import android.support.v7.app.AppCompatActivity;
15 import android.text.TextKeyListener;
16 import android.view.View;
17 import android.widget.EditText;
18 import android.widget.LinearLayout;
19 import android.widget.TextView;
20 import android.widget.Toast;
21 import org.json.JSONException;
22 import org.json.JSONObject;
23 import java.text.DateFormat;
24 import java.util.Date;
25 import java.util.Locale;
26
27
28
29 public class MainActivity extends AppCompatActivity {
30
31 // Importing TextView elements
32 TextView selectCity, cityField, detailsField,
33 windField, weatherIcon, updateField, rangeTempField,
34 upperWear, bottomWear, backgroud;
35 String city = "Harrisburg, PA, US";
36 // API KEY
37 String OPEN_WEAETHER_API = "";
38
39 @Override
40 protected void onCreate(Bundle savedInstanceState) {
```

```

41 super.onCreate(savedInstanceState);
42 getSupportActionBar().hide();
43 setContentView(R.layout.activity_main);
44 // defines object with TextView in main activity
45 background = (TextView) findViewById(R.id.backgroundParent);
46 background = (TextView) findViewById(R.id.upperWear);
47 upperWear = (TextView) findViewById(R.id.upperWear);
48 bottomWear = (TextView) findViewById(R.id.bottomWear);
49 selectCity = (TextView) findViewById(R.id.selectCity);
50 cityField = (TextView) findViewById(R.id.city_field);
51 updateField = (TextView) findViewById(R.id.updated_field);
52 detailsField = (TextView) findViewById(R.id.details_field);
53 currentTemperatureField = (TextView) findViewById(R.id.currentTemp_field);
54 humidity_field = (TextView) findViewById(R.id.humidity_field);
55 wind_field = (TextView) findViewById(R.id.wind_field);
56 rangeTemp_field = (TextView) findViewById(R.id.rangeTemp_field);
57 weatherIcon = (TextView) findViewById(R.id.weather_icon);
58 weatherIcons = Typeface.createFromAssets("fonts/");
59 weatherFont = Typeface.createFromAssets("fonts/");
60 weatherIconsRegularWebfont = Typeface.createFromAssets("fonts/");
61 weatherIcon = (TextView) findViewById(R.id.weather_icon);
62 taskLoadUp(city);
63 @Override
64 selectCity.setOnTouchListener(new View.OnTouchListener() {
65     @Override
66     public void onClick(View v) {
67         // Box for changing city
68         AlertDialog.Builder alertDialog = new AlertDialog.Builder();
69         alertDialog.setTitle("Change City");
70         final EditText input = new EditText(MainActivity.this);
71         input.setHint("City");
72         Linearlayout.LayoutParams lp = new LinearLayout.LayoutParams();
73         lp.setLayoutParams(lp.MATCH_PARENT,lp.MATCH_PARENT);
74         linearLayout.setLayoutParams(lp);
75         input.setLayoutParams(lp);
76         alertDialog.setView(input);
77         alertDialog.setPositiveButton("Change", new DialogInterface.OnClickListener() {
78             @Override
79             public void onClick(DialogInterface dialog, int which) {
80                 String value = input.getText().toString();
81                 MainActivity.this.changeCity(value);
82             }
83         });
84         alertDialog.show();
85     }
86 }

```

```

79    new DialogInterface.OnClickListener() {
80        public void onClick(DialogInterface.OnClickListerner) {
81            city = input.getText().toString();
82            taskLoadUp(city);
83        }
84    }];
85    alertDialog.setNegativeButton("Cancel",
86    new DialogInterface.OnClickListener() {
87        public void onClick(DialogInterface.OnClickListerner) {
88            dialog.cancel();
89        }
90    });
91    alertDialog.show();
92    });
93    });
94    });
95    });
96    });
97    public void taskLoadUp(String query) {
98        if (Function.isNetworkAvailable(getApplicationContext())) {
99            DownloadWeather task = new DownloadWeather();
100            task.execute(query);
101            } else {
102                Toast.makeText(getApplicationContext(), "No Internet
103                Connection", Toast.LENGTH_LONG).show();
104            }
105            // Calls API
106            class DownloadWeather extends AsyncTask < String, Void, String
107            @Override
108            protected void onPreExecute() {
109                super.onPreExecute();
110            }
111            {
112                protected String doInBackground(String...args) {
113                    String xml = Function.executeGet("http://api.
114                    openweathermap.org/data/2.5/weather?q=" + args[0] +
115                    "appid=" + OPEN_WEAHER_MAP_API);
116                }
117            }
118            return xml;
119        }
120    }
121    }
122    protected String doInBackground(String...args) {
123        String xml = Function.executeGet("http://api.
124        openweathermap.org/data/2.5/weather?q=" + args[0] +
125        "appid=" + OPEN_WEAHER_MAP_API);
126    }
127    }
128    protected void onPostExecute() {
129        super.onPostExecute();
130    }
131    }
132    }
133    }
134    }
135    }
136    }
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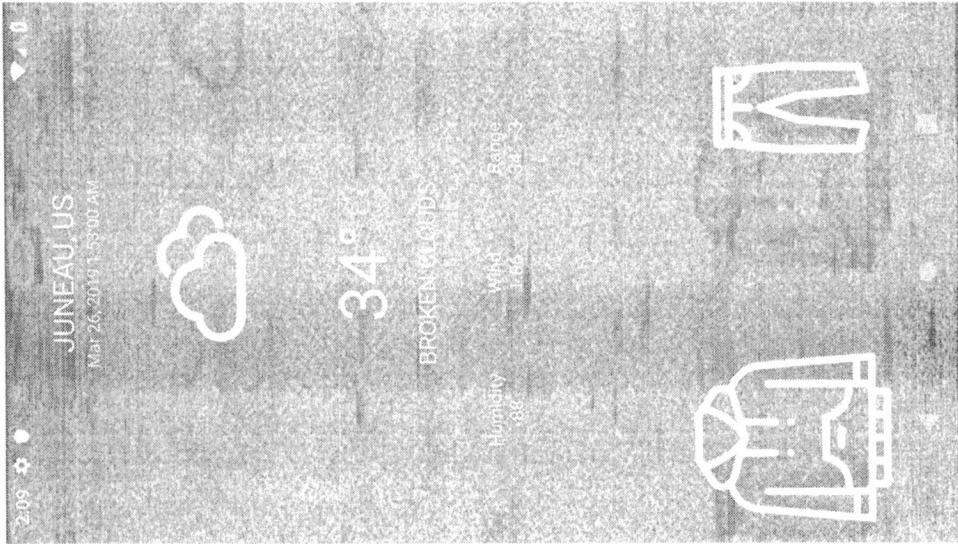
147 shorts);
148 }
149 else if( T >= 50){
150     upperWear.setBackgroundDrawable(R.drawable.
151     longsleeve);
152     shorts);
153     else if( T >= 35) {
154         upperWear.setBackgroundDrawable(R.drawable.
155         bottomWear.setBackgroundDrawable(R.drawable.
156         pants);
157     }
158     else{
159         hoodie;
160     }
161 }
162 } catch (JSONException e) {
163     // Error if city is not found
164     Toast.makeText(getApplicationContext(), "Error, Check
165     City", Toast.LENGTH_SHORT).show();
166 }
167 }
168 }
169 }
170 }
171 }
172 }
173 }
174 }
175 }
176 }

```

```

1 // Aditya Kenedre
2 // March 2019
3 // splashScreen.java
4 // Creates a splash screen
5
6 package com.androstock.myweatherapp;
7
8 import android.support.v7.app.AppCompatActivity;
9 import android.os.Bundle;
10 import android.content.Intent;
11 import android.os.Handler;
12
13 public class splashScreen extends AppCompatActivity {
14
15     private static int SPLASH_TIME = 1500;
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_splash_screen);
21
22
23         new Handler().postDelayed(new Runnable() {
24             @Override
25             public void run() {
26                 Intent mySuperIntent = new Intent(splashScreen.this,
27                     MainActivity.class);
28                 startActivity(mySuperIntent);
29
30                 finish();
31             }
32         }, SPLASH_TIME);
33     }
34 }
35

```



Research:

To get a good feel of the great experience I was going to have creating a logo for the computer fair, I decided to conduct some research before brainstorming logo ideas. One great source I encountered while researching online was a website called designshack.net. A main point I gathered from this website is that the color scheme is extremely vital for setting the message and tone of a logo. In addition, designshack.net stated, "This is not a superficial decision; color carries meanings and communicates ideas." This implies that color choices are not only important for looks, but they are significant for communicating ideas as well. Furthermore, I then came across an article titled "25 Logo Design Tips for the Experts" (designshack.net) on the creative blog post website. This website provided me with an expert's advice on creating and designing logos. One important tip given on the blog's post was the importance of taking the time to explore letter combinations and font types. Once I had that in mind, I began to visualize what my logo would look like when finished.

In the beginning, I wanted to use a basic tool that would create logos. After testing simple software programs such as Google Drawings, online logo maker, and Microsoft Paint, however, I concluded that the software was too basic and I needed a more professional tool to create my logo. As a result, I settled on software by Adobe named Adobe Illustrator. At first glance the program looked too complicated. Only the experts could use this, I thought. After playing around with Adobe Illustrator and testing features out, I knew this was the best program I could ask for.

Software:

- Testing simple software programs such as Google Drawings, online logo maker, and Microsoft Paint, however, I concluded that the software was too basic and I needed a more professional tool to create my logo. As a result, I settled on software by Adobe named Adobe Illustrator. At first glance the program looked too complicated. Only the experts could use this, I thought. After playing around with Adobe Illustrator and testing features out, I knew this was the best program I could ask for.
- **PA Pixelated Logo**
 - Information on a power button logo
 - The Keystone State Plugging into the wall logo
 - Information on a screen logo
 - Computer Fair on a keyboard logo
 - Outline of Pennsylvania morphed into a CPU and a monitor logo
 - Unity and Wi-Fi-like logo
 - Circuit board-like logo
- **Brain Storming Ideas:**

Software:

in terms of fonts.

etc. Thus, I settled upon a font called Agency FB. This font met all of the criteria I wanted important to use a font that you often see on banners and logos, and in newspapers, font type that is elegant, light, and that has professional appeal. I also felt it was because fonts convey emotion, feeling, and thoughts to the viewer. I also wanted a At the start, fonts don't seem like a big deal, but in reality, they are. This is

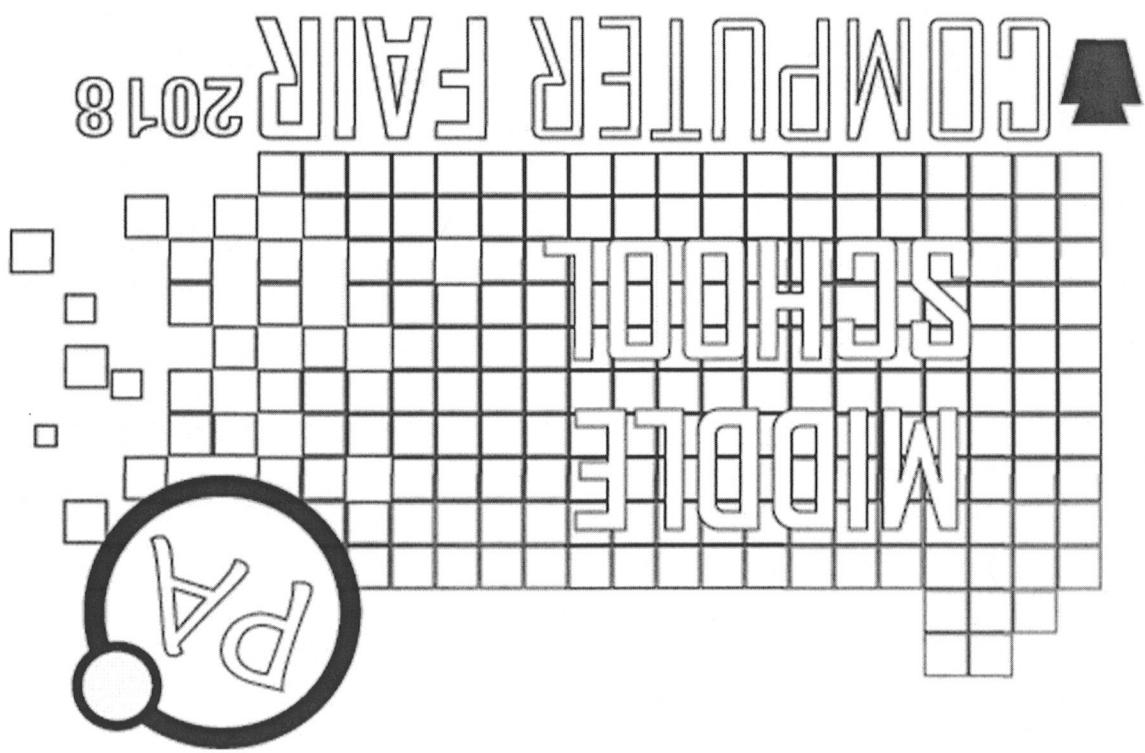
Typegraphy:

Stylistic
Condensed
Near

hand, the color white suggests purity, cleanliness, and simplicity.

white. The color black resembles boldness, power and complexity. On the other frequently associated with success. The color gray is a mixture between black and The color blue often implies professionalism, sincerity, and calmness. Blue is also chose the colors Sky-Blue (RGB: #487AC0) and Stormy Gray (RGB: #B0AEB0). including black and white, affects the attitude or message of the logo. As a result, I The use of color can bring multiple layers of meaning to a logo. Every color,

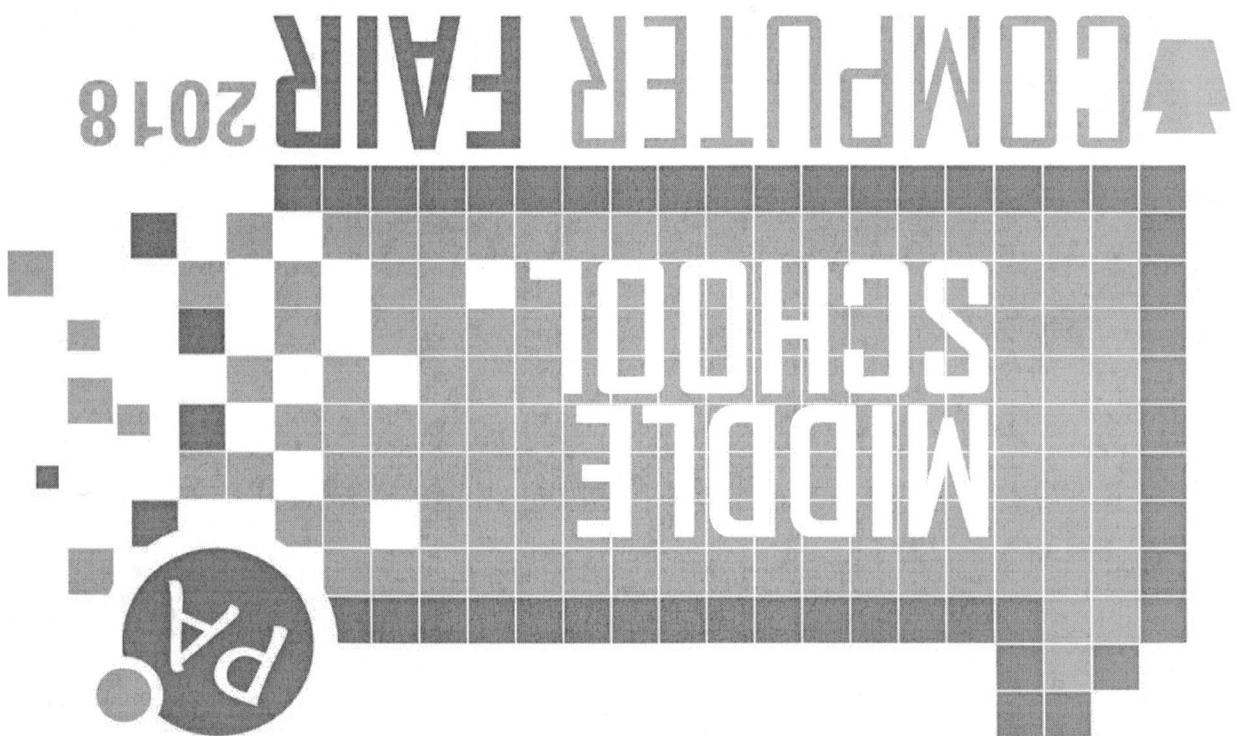
Color Choice:



eye-lifting effect.

To start, I began to draw ideas for the pixelated logo. First I began with a simple but elegant outline of Pennsylvania. Then, I began to add the pixelated squares into the outline of Pennsylvania. Afterward, I added the PA sign at the top of the outline. Once my design was completed, I added the text to the logo, resulting in a glamorous eye-lifting effect.

Concept:



result is this eye-catching outcome.

In the end, I finished coloring the logo (with a paint bucket in Illustrator). The

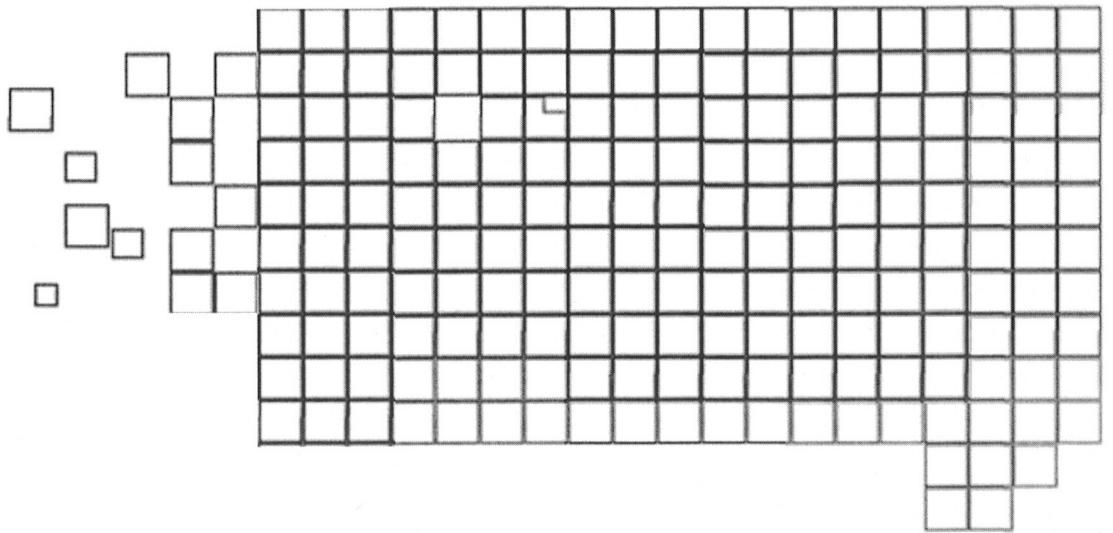
Final Logo:

I drew the outline of Pennsylvania pixelated to represent the further rapid growth of technology in Pennsylvania and to represent the uniqueness and individuality of our state. Pennsylvania's growth in technology shows how far we have come from ground zero. In addition, the PA sign at the top right represents a solar eclipse. A solar eclipse occurs when the moon passes in front of the sun. Similarly, the gray dot is the moon and the blue dot is the sun. The gray dot can try all it wants to block the blue dot, but it can't because the blue dot is much larger. This indicates that technology can't be blocked just like the blue dot can't be blocked.

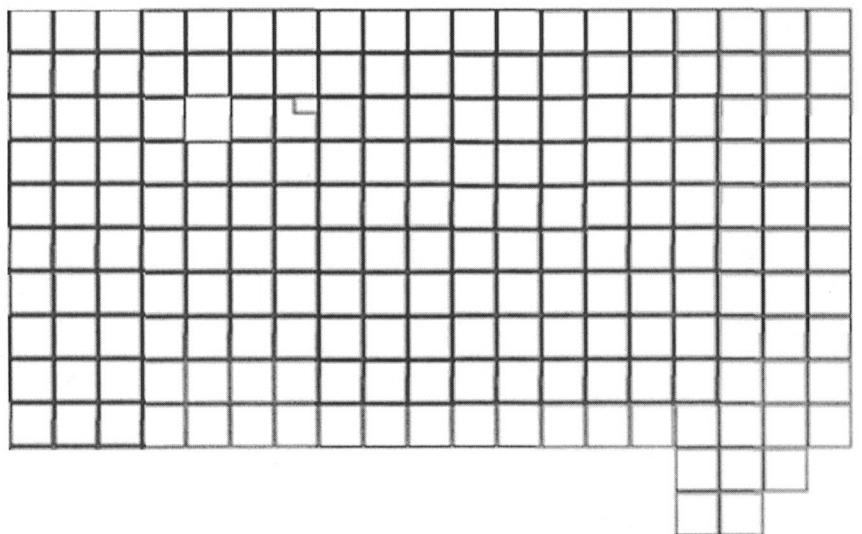
Symbolism:

Advertisement:

Since ancient times, advertising has served an important cause in the world of business. Whether ~~it's~~ ^{the} product is a necessity, a luxury, or just a bit of whimsy, you can't rely ^{fully} on the customers to spread the word. You ~~as a~~ ^{must} business should take your ~~role~~ ^{role} in advertising the product. Additionally, advertising is one of the most important parts in advertising the product. Advertising helps to spread awareness about things present in our society today. Advertising helps to consumer and potential buyers. As a products or services that are of some use to consumers and potential buyers. As a result, I have decided to advertise my logo as well. I have done this by printing my logo on t-shirts, a mousepad, business cards, and a water bottle. Both the t-shirts and water bottle have major marketing advantages; they are like walking advertisements. Everywhere you go, a conference, a meeting, or even a party, you are standing out from the crowd, so much in fact that they become interested. Furthermore, a mousepad is another advertisement tool that works overtime. The mousepad requires no extra effort because the mousepads are highly visible, incomparable reacches (since the mousepads can reach thousands of clients each time they sit down at a desk). Thus, the advertisement helps promote Computer Fair in a way that most people would think of as unattainable.

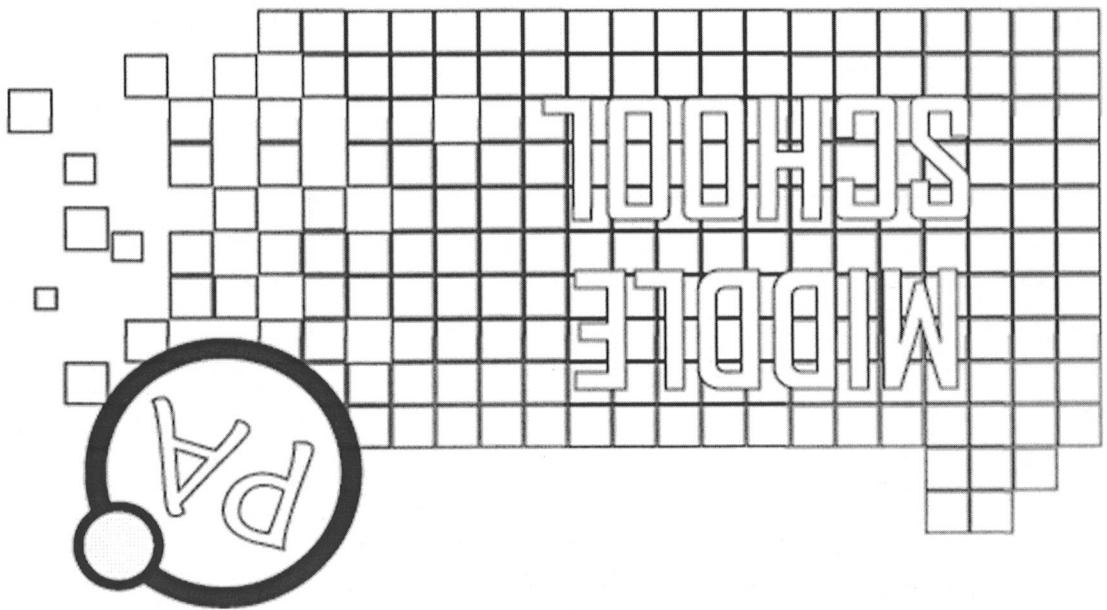


Step 2:

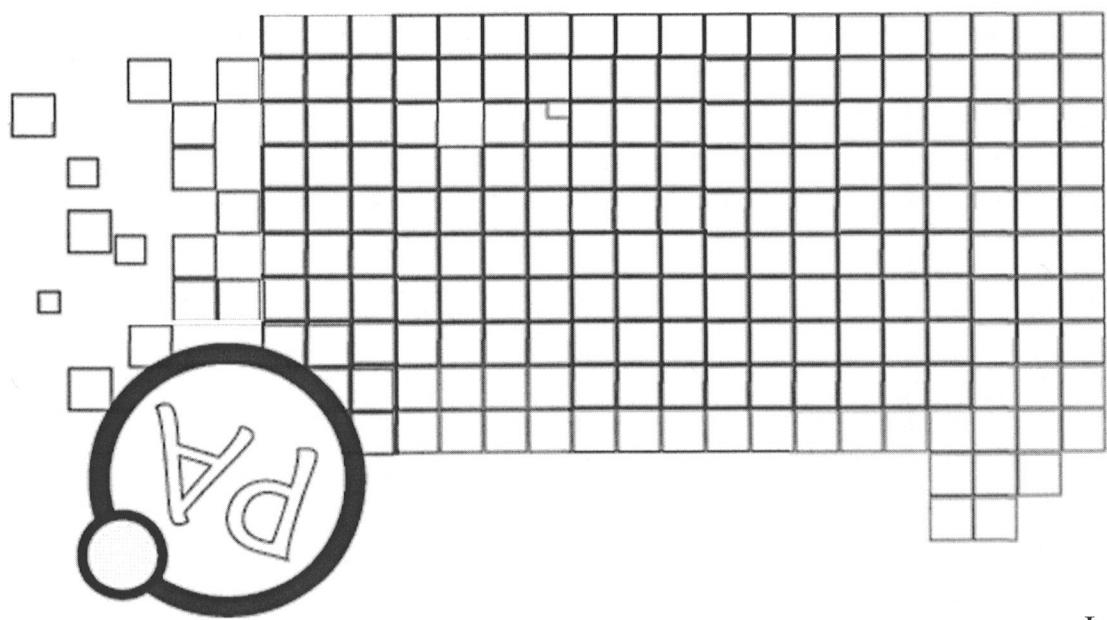


Step 1:

Step 4:



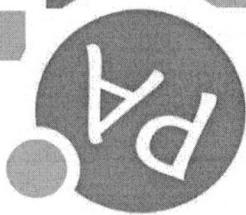
Step 3:





COMPUTER FAIR 2018

SCHOOL
MODULE



Step 6:



COMPUTER FAIR 2018

SCHOOL
MODULE



Step 5:

- kind of effect do you want to have on your audience?
1. Describe the project's objectives, vision, and/or overall purpose. Why did you choose your topic? What
3. Provide a brief description of the process used to create the project including the amount of time spent

- creating it and the names of all contributors.
- Printer - Print Logo
 - Scanner - Logo outline
 - Microsoft Word - Brainstorming
 - Adobe Illustrator - Logo creation

(scanners, digital camera, etc.) used in the creation of your project.

2. List the software applications used to create the project. List any additional equipment

any way!

This project's objectives are to raise awareness of technology. This is important because an article published by CBS News stated, "STEM interests declining among teens". This implies that the interests of teens are at a decline, meaning that the rate at which technology advances is going to slow down. This is not necessarily a good thing. In result to combat the decline, we have started to encourage STEM at a young age.

Hence, increasing the interests of STEM among teens! Moreover, the vision of this logo is to appeal to students how important it is to learn what STEM is and why it's important. STEM is important because it pervades every part of our lives. A world without science, technology, engineering, and mathematics would be a disaster. In addition, the overall purpose is to propose that STEM is fun. STEM is not just the fun of 45 in mathematics, or chemical equations like CO₂ in chemistry. STEM is about improving the world around us in a positive way.

- kind of effect do you want to have on your audience?
1. Describe the project's objectives, vision, and/or overall purpose. Why did you choose your topic? What
- Computer Fair competition in the logo category.
- Early on in my childhood, I would obsess over cartoon movies and videos on YouTube. Everywhere I went, I saw cartoons. The advertisements on the billboards next to the highway. Ever since then I have wanted to create and design cartoons. That is why I am here, writing this narrative, participating in the Pennsylvania Computer Fair competition in the logo category.
- Early on in my childhood, I would obsess over cartoon movies and videos on YouTube. Everywhere I
- Introduction

Firstly, I started my project by brainstorming some ideas. The idea that I most adored was the idea of the logo being pixelated. Then I continued the project by drawing out some pixelated logos. My final design was the outline of Pennsylvania pixelated. "Middle School" would be located inside the PA outline. "Computer Fair 2018" along with the Keystone would all be located below the PA outline. Last but not least, the PA symbol would be located at the top right corner of the logo overlapping the state outline. Please keep in mind this is the condensed version of the process used to create this project.

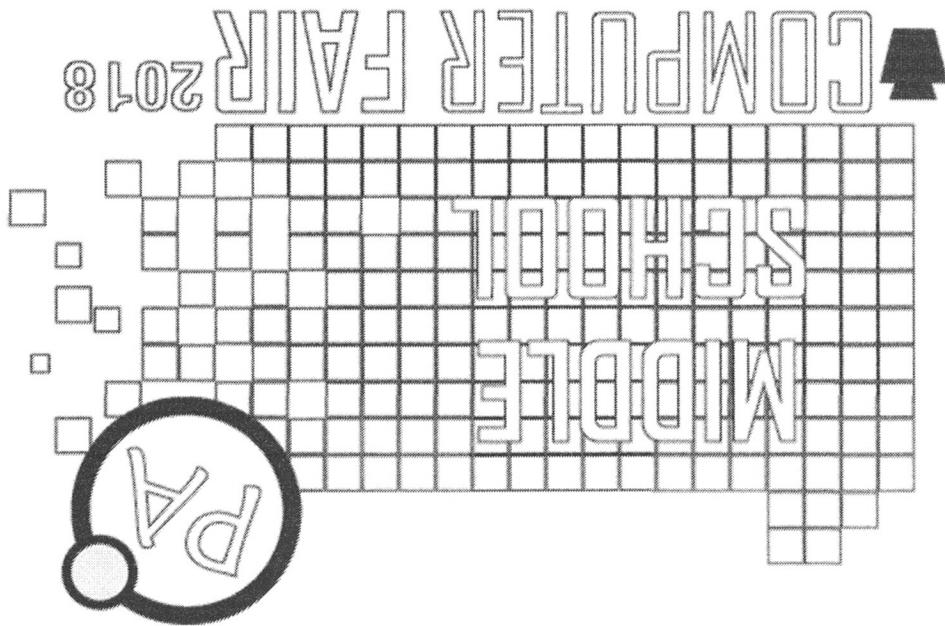
6. Provide any additional information the judges should be aware of while evaluating the project.

This whole project was drawn in Adobe Illustrator. As a result, there is nothing to cite except for the logo itself.

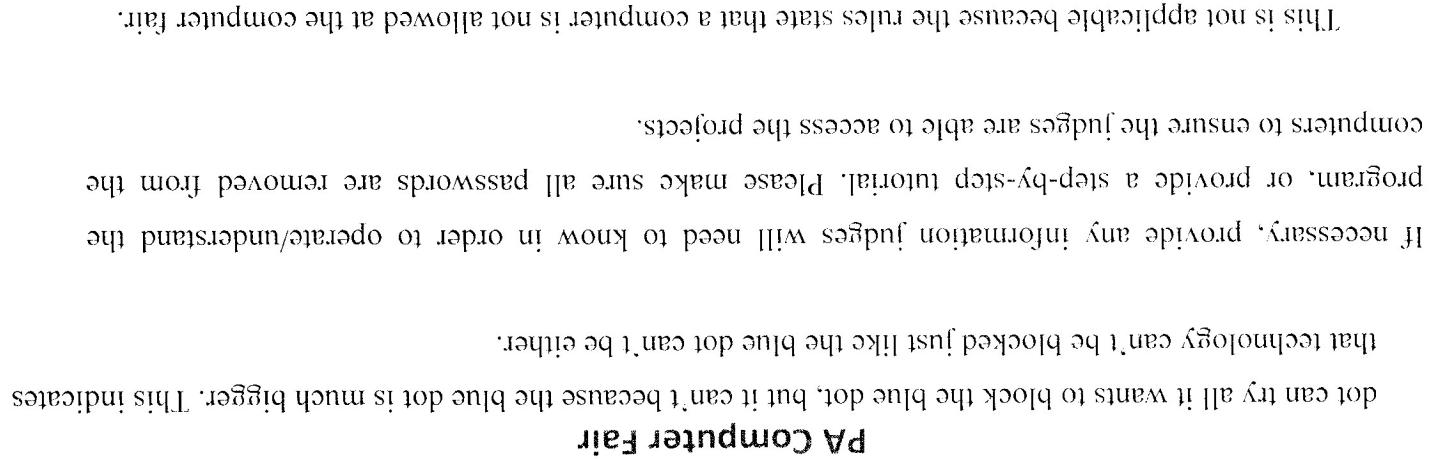
5. Cite ALL sources of information, audio, video, images, etc. used in your project, including your own work. For any element that is not your own original work and/or owned by someone else, written permission from the copyright owner is **REQUIRED** and should be attached.

Not Applicable

4. List any templates you may have used, altered, or modeled your project after, and describe the changes you made to adapt it to your project (if you did not use any templates, put Not Applicable).



6. Provide any additional information the judges should be aware of while evaluating the project.



that technology can't be blocked just like the blue dot can't be either.

dot can try all it wants to block the blue dot, but it can't because the blue dot is much bigger. This indicates

PA Computer Fair

This is not applicable because the rules state that a computer is not allowed at the computer fair.

If necessary, provide any information judges will need to know in order to operate/understand the program, or provide a step-by-step tutorial. Please make sure all passwords are removed from the computers to ensure the judges are able to access the projects.

ID Number: 6789
 Project Title: PA Pixelated Logo
 Judge 4

**PA Computer Fair
 Logo Scoring Guidelines**

Yes	No	Project meets the following requirements:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design is limited to two colors and suitable for silk screening
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project demonstrates two different applications of the design
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Examples: Letterhead, T-Shirt, Mouse Pad, Business Card
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project is shown on paper to fit in a 3" x 3" area

		Score
Layout/ Design	<p>The logo is artistically balanced - one part does not overpower another. Colors and text greatly enhance the logo's overall effect. The logo is clean, simple, and scalable. It is attractive and stimulates viewer interest.</p>	<p>4</p> <p>3</p> <p>2</p> <p>1</p> <p>0</p>
Relevance	The logo is relevant to the Computer Fair.	<p>The logo is somewhat relevant to the Computer Fair but lacks many elements that confuse its purpose.</p>
Technical Elements	Advanced design tools and techniques are used often and effectively. The project clearly demonstrates the benefits of using technology in the creative process.	<p>Design tools are used to connect logo elements effectively. The project adequately demonstrates the benefits of using technology.</p>
Creativity	The project reflects an exceptional degree of student creativity/ originality.	<p>The project is based on the designs or ideas of others and does not demonstrate original ideas.</p>

Developed by PA Computer Fair Committee - Revised 9/2011
 Comments: _____

Total: _____

_____	_____	_____
_____	_____	_____
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_____	_____	_____
_____	_____	_____

PA Computer Fair
Logo Scoring Guidelines

Project meets the following requirements:

Yes	No	Project meets the following requirements:
✓	—	Design is limited to two colors and suitable for silk screening
—	✓	Project demonstrates two different applications of the design Examples: Letterhead, T-Shirt, Mouse Pad, Business Card
✓	—	Project is shown on paper to fit in a 3" x 3" area

Category	Description	Score	
		1	2
Layout/ Design	The logo is artistically balanced - one part does not overpower another. Colors and text greatly enhance the logo's overall effect. The logo is clean, simple, and scalable. It is attractive and stimulates viewer interest.	The logo is adequately balanced. Colors complement each other and text is readable. The logo is clean and loses little clarity at different sizes. It is attractive but promotes limited viewer interest.	The logo lacks an overall balance. Colors and/or text effects may clash or muddle the design. The logo loses some quality when resized. The logo is unattractive or distracting.
Relevance	The logo successfully achieves its computer fair purpose.	The logo is somewhat relevant to the Computer Fair theme, but many elements do not serve its purpose.	The logo is not relevant to the Computer Fair theme.
Technical Elements	Advanced design tools and techniques are used often and effectively. The project clearly demonstrates the benefits of using technology in the creative process.	Design tools are used to connect logo elements effectively. The project adequately demonstrates the benefits of using technology.	Limited use of design tools is evident. The project somewhat demonstrates the benefits of using technology.
Conventions	Clean, concise, well-written, clear spelling of grammatical errors.	Few syntax, spelling, or grammatical errors.	Many syntax, spelling, or grammatical errors.
Creativity	The project reflects an exceptional degree of student creativity/ originality.	The project reflects a limited degree of student creativity/ originality.	The project is based on the designs or ideas of others and does not demonstrate original ideas.

Developed by PA Computer Fair Committee - Revised 9/2011

Comments:

Total: _____

ID Number: 6789
 Project Title: PA Pixelated Logo
 Judge 6

PA Computer Fair
Logo Scoring Guidelines

Project meets the following requirements:	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

Project meets the following requirements:	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

Category	Description	Scoring		Comments
		Yes	No	
Layout/Design	The logo is artistically balanced - one part does not overpower another. Colors and text greatly enhance the logo's overall effect. The logo is clean, simple, and scalable. It is attractive and stimulates viewer interest.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The logo lacks an overall balance. Colors and/or text effects may clash or muddle the design. The logo loses some quality when resized. It is unattractive or distracting.
Relevance	The logo successfully represents the computer fair's purpose.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The logo successfully represents the computer fair's purpose.
Technical Elements	Advanced design tools and techniques are used often and effectively. The project clearly demonstrates the benefits of using technology in the creative process.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Limited use of design tools is evident. The project somewhat demonstrates the benefits of using technology.
Conventions	Carefully chosen words, spelling, grammar, and punctuation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wonderful word choice and punctuation.
Creativity	The project reflects an exceptional degree of student creativity/ originality.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The project is based on the designs or ideas of others and does not demonstrate original ideas.

Developed by PA Computer Fair Committee - Revised 9/2011
 Comments:

Total: 15

