



San Francisco High School of the Arts

1970 Page Street - San Francisco, CA 94117

(415) 431-3161 | info@highschoolofthearts.org

HSArts Community Newsletter

December 16 2020



As the semester draws to a close, we want to thank everyone in our community. Our combined efforts in tackling synchronous online learning ensured that this semester was a success for everyone involved.

We are happy to announce that we have obtained approval to reopen from SFPDHP. However, California does not allow any county to reopen grades 7-12 when it is in the purple tier. Hopefully, the situation in San Francisco will improve in the coming weeks. As of now, we still plan to reopen on January 4th for 6th graders and virtual learning. We will continue to support our families to the best of our capabilities regardless of the format of the classes, just as we have done this past semester.

Thanks to our parents' generous donations, we were able to get additional air filters for our school. This adds extra safety for our entire community.

Enrichment Programs Continue Outdoors

Our After-school Enrichment dance programs have continued safely in our newly refurbished outdoor space, complete with canopies and heaters to ensure students remain warm. We look forward to welcoming back our students in January!



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Photo by Mr. Brian

Special Academic Project, Just for You

Here is a project for you to try at home, by Mr. Ray Chen's AP Computer Science class. He shares, "This project is used to move objects around on your phone screen. The scope also includes a certain degree of rotation. The screenshots came from a student's project in the AP Computer Science Principles class. Anyone can try the QR code from their own cell phone and enjoy moving the object around."

Try it out and share your results with us!

Share your project

Copy the link:
<https://studio.code.org/projects/aplab/MBsn9jqeedWffzIJqs8YqjXYnEE>

Send to phone

Unpublish

Enter a US phone number:

Send

A text message will be sent via [Twilio](#). Charges may apply to the recipient.

Scan this code with your phone camera:

[Show advanced options](#)



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Remix from a student project: Movin...
Saved 2 minutes ago

Rename Share Remix

Create Mr. ?

Code Design

Data

Draw Rotate

Cube

Reset

Show Toolbox

Workspace

Version History Show Blocks

```
91 Y2 = Y1;
92 }
93 angleE = angleE + Math.PI/thickness;
94 }
95 }
96 }
97 }
98 function drawCube(x,y){
99   clearCanvas();
100   setStrokeWidth(5);
101   line(x, y, x+steps, y);
102   line(x, y, x+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7);
103   line(x+steps, y, x+steps+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7);
104   line(x+steps+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7, x+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7);
105   line(x,y,x,y+steps);
106   line(x+steps,y,x+steps,y+steps);
107   line(x,y+steps,x+steps,y+steps);
108   line(x+steps+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7, x+steps+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
109   line(x+steps, y+steps, x+steps+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
110   line(x+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7, x+steps+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
111   line(x,y+steps, x+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
112   line(x+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7, x+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
113 }
114 }
115 function moveRight(flag){
116   if (flag)
117     currentX = currentX + moveB;
118   else
119     currentX = currentX - moveB;
120 }
121 }
122 function moveUp(flag){
123   if (flag)
124     currentY = currentY - moveB;
125   else
126     currentY = currentY + moveB;
127 }
128 }
```

Debug Commands

Debug Console

Clear

Watchers

"Selected option: Cube"

Remix from a student project: Movin...
Saved 9 minutes ago

Rename Share Remix

Create Mr. ?

Code Design

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Target

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```
63 });
64 *onEvent("buttonB", "click", function( ) {
65   clearCanvas();
66   rOut = rOut*0.875;
67   steps = steps*0.875;
68   drawObject(currentX, currentY);
69   thickness = thickness/1.2;
70 });
71 }
72 var thickness = 150;
73 var ratioAB = 1;
74 function drawTarget(){
75   var X1 = null;
76   var Y1 = null;
77   var X2 = null;
78   var Y2 = null;
79   var ellipseA;
80   var ellipseB;
81   var angleE = 0;
82   while (angleE < Math.PI*2){
83     for (var i = 0; i<= rOut; i = i+(rOut/3)){
84       ellipseA = rOut - i; //ellipseA = rOut, ellipseB = 2/3 of rOut, 1/3 of rOut, 0
85       ellipseB = ellipseA*ratioAB;
86       X1 = currentX+ellipseB*Math.cos(angleE);
87       Y1 = currentY-ellipseA*Math.sin(angleE);
88       if (i == rOut || i == rOut/3)
89         line(X1,Y1,X2,Y2);
90       X2 = X1;
91       Y2 = Y1;
92     }
93     angleE = angleE + Math.PI/thickness;
94   }
95 }
96 }
97 }
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108   line(x+steps+steps*Math.cos(angle)/1.7, y+steps*Math.sin(angle)/1.7, x+steps+steps*Math.cos(angle)/1.7, steps+y+steps*Math.sin(angle)/1.7);
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"Selected option: Target"

Screenshots by Mr. Ray



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The **HSArts Prodigious Artist Competition** is still accepting submissions! Anyone between the ages of 9 and 16 may enter the contest. Deadline has been extended! All artwork is due by January 30, 2021.

<https://highschoolofthearts.org/arts-2/visual-arts/prodigious-artist-competition/>

Health and Safety Updates

The recent Bay Area Regional Stay at Home Order and San Francisco Department of Public Health Orders ask everyone to stay safe and minimize health risks. The SFPDH strongly recommends avoiding non-essential travel, especially holiday travel. The department of public health requires a 10-day self-quarantine if you travel outside of the Bay Area. **If your family chooses to travel, you must inform the school.**

<https://www.sfdph.org/dph/alerts/covid-guidance/COVID-Travel-Advisory.pdf>

All returning students and their parents/guardians must sign the **HSArts Community Health Pledge** and follow the behavioral expectations therein. Please note that it is particularly relevant to the holidays.

I will not enter the HSArts campus if, within the prior 14 days, any member of my household has traveled outside of the Bay Area and engaged in any of the activities that place us at a higher risk of being exposed to COVID-19: interacting within six feet with someone outside your household while not wearing a face mask at all times; or being indoors, including on planes, buses, trains or other forms of group/public transportation where face coverings were not worn by everyone at all times. I understand that this restriction includes both my initial return to HSArts and especially my return after holidays or weekends.

Happy holidays to everyone! Stay safe and warm, and preferably at home!

Virtual Open Houses in January

We welcome you to our Virtual Open Houses in January! These special events will be held on Thursday, January 7 and Wednesday, January 13. Learn more about our school and programs while you enjoy some of our students' most beautiful works in visual and performing arts!

Please invite your family friends and anyone else who may be interested in attending. RSVP on our website [here](#).

Looking Ahead

Thursday, January 7 - Virtual Arts Open House

Wednesday, January 13 - Virtual Open House

Friday, January 15 - Application Deadline for applicants to HSArts

Friday, January 15 - Deadline to submit artwork: HSArts Prodigious Artist Competition



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