



## Challenge #10

### Design a Sign Challenge

**Due Tuesday, May 19**

It's Solar Cup weekend 2021. The stage is set, the tents are up and the crowds are gathered at Lake Skinner. The perfect canvas to display your Design a Sign Challenge to the thousands of students, teachers, friends and family walking throughout the Solar Cup campus.

Similar to Public Service Announcement challenge requirements, this challenge asks you to tap in to your creativity and design a sign to be displayed at Solar Cup 2021 using one of the themes listed below. Let's get inspired and start designing!

#### Challenge Details:

Create a sign with imagery and a fact or statement from one of the themes below. Each section includes links to Metropolitan's websites where you can find valuable information on each theme. Use this information to pull a statement, fact or statistic that inspires you.

You can use any design program you are comfortable with, from PowerPoint to Google Slides to Photoshop. There are also plenty of free design websites to choose from, here are a few of our favorites:

- [Canva](#)
- [Stencil](#)
- [Fotor](#)
- [DesignBold](#)

***Responses can be emailed to Julie Miller Kalbacher at [jamiller@mwdh2o.com](mailto:jamiller@mwdh2o.com) Make sure to include your name and school name on your responses.***

Good luck with this challenge and with all of your schoolwork.

## Sign Specifications:

Your design should be:

- Instagram post dimensions: 1080x1080px or 1080x1350px
- Saved as a JPEG or PNG
- A combination of text and background imagery
  - Here is a link to images you can use for your sign. This link includes Metropolitan’s facilities, reservoirs and aqueducts:  
<https://spaces.hightail.com/space/IPpBEeLtbr/files>

## Sign Themes

Please choose a theme that resonates with you the most. One of these themes is required but consider bullet pointed topics as suggestions.

<b><u>Water Quality and Treatment</u></b> <ul style="list-style-type: none"><li>• Water quality statistics</li><li>• Treatment Facilities facts</li></ul>	<b><u>Water Supply</u></b> <ul style="list-style-type: none"><li>• Colorado River Aqueduct</li><li>• State Water Project</li></ul>
<b><u>Water Storage and Delivery</u></b> <ul style="list-style-type: none"><li>• Metropolitan Infrastructure:<ul style="list-style-type: none"><li>○ Reservoirs</li><li>○ Pumping Plants</li><li>○ Pipelines &amp; Tunnels</li></ul></li></ul>	<b><u>Conservation</u></b> <ul style="list-style-type: none"><li>• Water saving tips (indoor/outdoor)</li><li>• CA Friendly and native plants</li><li>• Rebate programs</li><li>• “Wasting Water Is..._____”</li></ul>
<b><u>Education</u></b> <ul style="list-style-type: none"><li>• <u>Science of Water</u></li><li>• Boat building highlights</li><li>• Technical report statistics<ul style="list-style-type: none"><li>○ Here you can refer to your own technical report</li></ul></li></ul>	<b><u>Solar Cup</u></b> <ul style="list-style-type: none"><li>• Historical facts (attendance, longevity etc.)</li><li>• Inspirational and/or motivational quotes about your Solar Cup experience</li></ul>

**Sign Samples:**

