

EN (UJI)

## *How to win Girls' Hearts with STEAM Education by Melanie Flores*

- **Basic: Knowledge&Comprehension**
- **Awareness Raising**

<b>TYPE OF THE ACTIVITY</b>	Video
<b>DURATION</b>	14 min 05 seconds
<b>TEACHING AID</b>	Computers, tablets or smartphones. Internet connection.
<b>SUMMARY</b>	<p>In this TED Talk, engineer and entrepreneur Melanie Flores leads us through some ways of helping and guiding female teenagers interested in STEM during their high school years.</p> <p>This video helps teachers encourage girls to study STEAM by showing them a successful woman that has found her own company and works as a teacher and a mentor for girls.</p>
<b>TEACHING PRACTICE (STEP BY STEP)</b>	<ul style="list-style-type: none"> <li>- This material could be used to apply STEAM related knowledge in the classroom using female references.</li> <li>- Gendered stereotypes concerning girls and women in STEAM can be reduced by using female references.</li> <li>- The video can be used to inspire girls to pursue STEAM courses and careers.</li> <li>- General guidelines for using the video in class include explaining the importance of STEAM, addressing why it matters for girls, highlighting successful women in various STEAM careers, discussing how STEAM principles apply to the AI industry, and sharing strategies for overcoming challenges.</li> <li>- The importance of STEAM courses for girls should be recapped, and additional resources for girls interested in STEAM should be provided.</li> </ul>
<b>SOURCE</b>	<a href="https://www.youtube.com/watch?v=mSkadhq5iRE">https://www.youtube.com/watch?v=mSkadhq5iRE</a>