



1st Assignment : Creative about the inequality of the two genders at STEM

INFORMATIC SYSTEMS AT ECONOMY AND ADMINISTRATION
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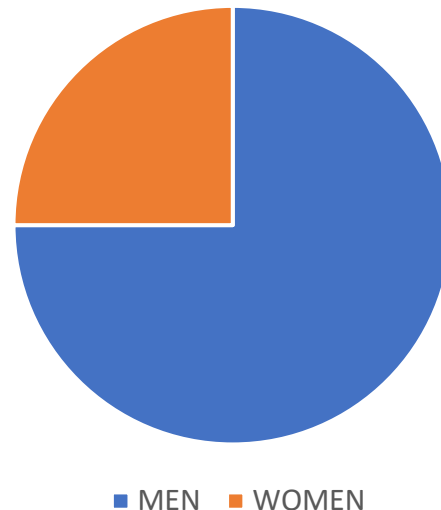
THE PROBLEM:

One important problem that highlights the inequality that exists between the two genders at STEM is the low number of women that work at companies or organizations that are based on STEM and the lower job positions they get comparing to men.

STATISTICS THAT PROVE THE PREVIOUS STATEMENT

The total workforce at the developed countries is equally shared between men and women , approximately 50% each. However less than 25% of the people that work at STEM related jobs are women, which means that men are way more likely to peruse and get a job at these kind of fields than women

EMPLOYEES AT STEM

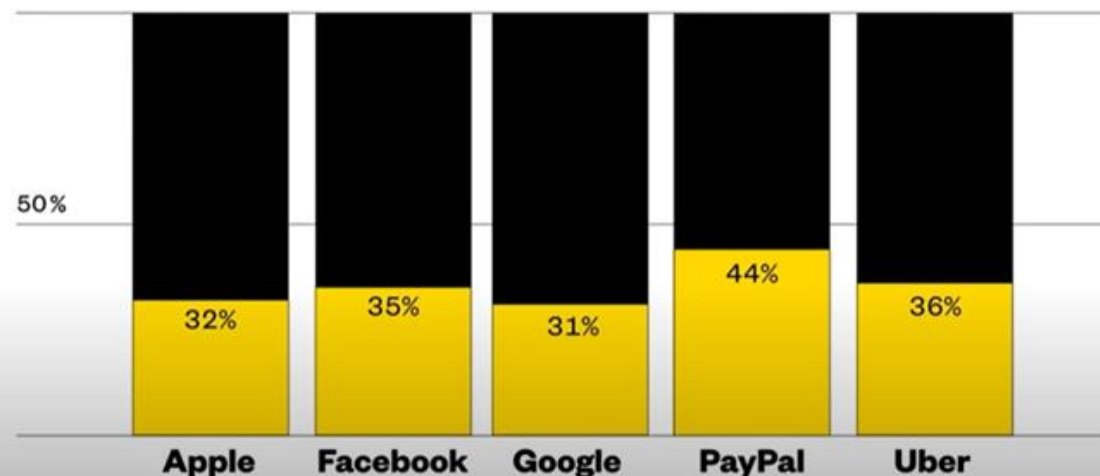




Also here, by comparing the two boards, we can see that women who might work at a technology-related company, usually they don't have technical job positions like men do.

Share of female employees

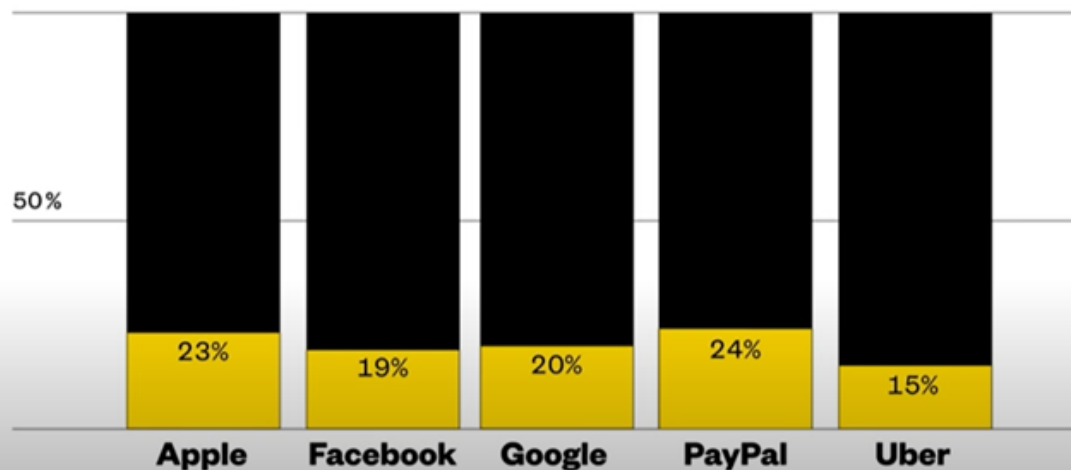
— women — men



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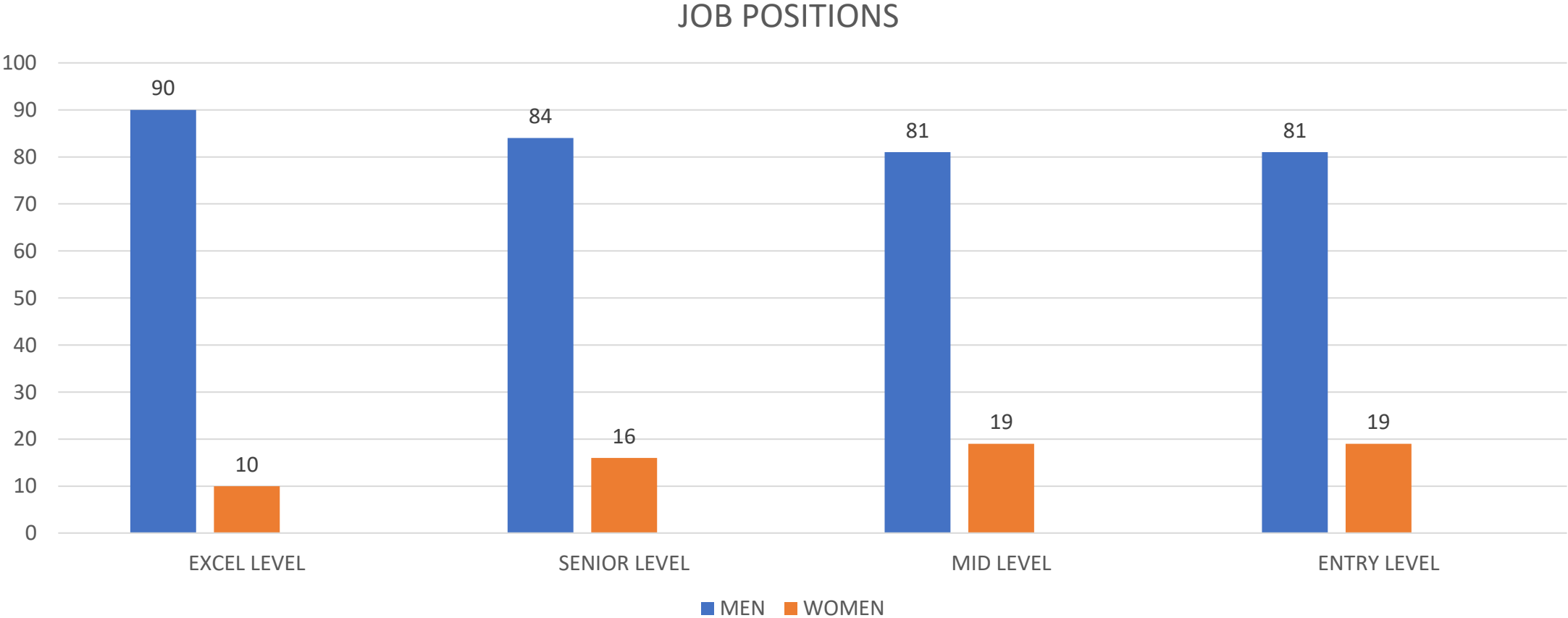
Share of women in technical jobs

— women — men



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It can be easily noticed that women not only are way less than men at STEM-related jobs but they are also getting lower positions





THE CAUSES OF THE PROBLEM:

- The environment shapes girls' interest and motivation in STEM.
- Social bias affect women's progress and career choices.
- Colleges, universities, and workplaces aren't making enough necessary changes to accommodate Female Students.
- Lack of role models.
- Derogatory Remarks by male coworkers
- Are being questioned about their abilities
- They don't get the same opportunities as men do(promotions , technical assignments)

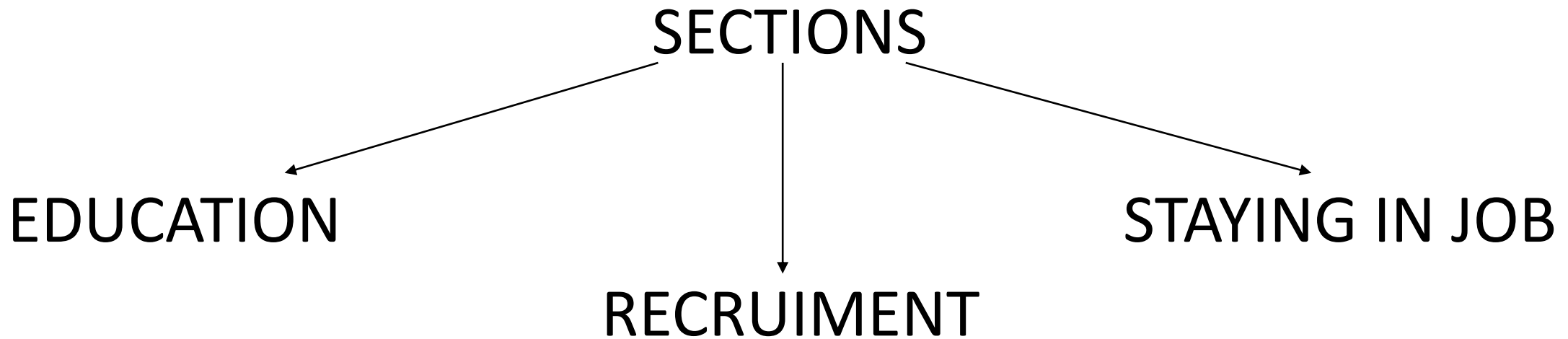
Another reason why there are not many girls at STEM-related jobs is because girls don't choose these kind of subjects at school or university because...

- They think they are better at humanitarian studies
- They need a good grade, and they think that these kind of subjects are difficult
- They don't find them interesting
- They are not related to the career path they have chosen
- They are not being promoted to them
- They are not many role models
- They don't have enough information

	BOYS	GIRLS
CHOOSE STEM SUBJECTS AT SCHOOL	83%	64%
CHOOSE PHYSICS	17%	7%
CHOOSE STEM SUBJECTS AT UNIVERISTY	52%	30%
CHOOSE MICHANICS	13%	2%
ARE THINKING OF A CAREER IN TECHNOLOGY	62%	27%
FIRST CHOICE CAREER PATH	13%	2%

THE SOLUTION:

Here are some main factors that can contribute to the solution of our problem and help to shrink the gap between men and women at STEM jobs.





At education...

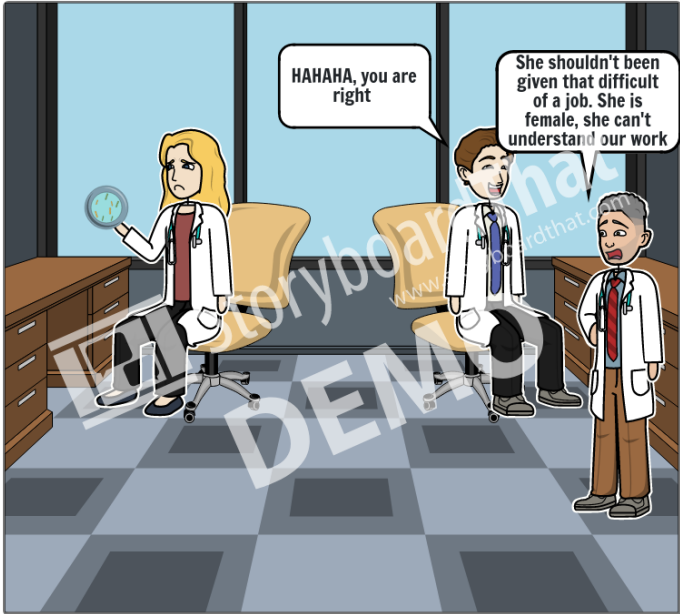
- Dividing the classes between the experienced students at STEM and the unexperienced so that there will be no mocking
- Visits at scientific museums and places
- More female teachers at STEM subjects
- Corporation with scientific high schools so that the girls have an opportunity to get in touch with those subjects
- Add subjects that show the social contribution of STEM so that it appeals to girls
- Team and interactive assignments instead of solving only exercises
- Access to labs and scientific equipments



At work...

- More female role models
- Balance at the competitive terms at work so that women can prove their true abilities
- Praises for a work
- More women at introductory positions so that there will be more women at primary positions
- Hiring based on potential and not current abilities
- More flexible work schedules ,especially for mothers
- More women representatives at conferences

THE REALITY IN STEM WORKPLACE FOR WOMEN



A VIDEO ABOUT HOW STEM WORKPLACE SHOULD BE :

<https://www.powtoon.com/ws/cczDrBjvt3U/1/m>

