

The background features a dark blue gradient with faint, light blue concentric circles and degree markings (40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) on the left side, suggesting a circular or orbital theme.

THE UNSUSTAINABLE COURSE WITH TECHNOLOGY

TEAM 2- SECTION 3- 9/11/13

CADEN PICI

JARYD PIETRO

MOHAMED QAWAM

JOAN STAMATAKIS

CADEN PICI - GOALS

- Intended major: Aerospace engineering
- What are the most important things I want in my life?
 - Successful career
 - Family
 - Friends

UNSUSTAINABILITY

- In the past century the use of resources such as food, fresh water, energy and materials has increased tremendously
 - Nearly a quarter of the Earth is now cultivated, with more land being put towards agriculture than in the 18th and 19th centuries combined
 - Nearly a third of the world's populations live in areas that contain less than 10% of the Earth's fresh water supply
 - At least 25% of marine fish stocks are overexploited
- Fisheries and fresh water are well beyond what can be sustained today, much less future demands
- <http://www.ens-newswire.com/ens/mar2005/2005-03-30-10.asp>

JARYD PIETRO - PERSONAL INFO

- I'd say I'm pretty average in terms of material life
- I've played ice hockey and baseball pretty much my whole life
- I don't really care about politics
- Only job I've had is working for my dad's construction company

THE USE OF UNSUSTAINABLE RESOURCES

93% of the natural resources used in America are nonrenewable

<http://www.resilience.org/stories/2008-08-18/our-american-way-life-unsustainable-evidence>

- the supplies of these resources will eventually peak, and then decline until they completely exhaust
- according to many scientists, if any of these major resources were to exhaust completely, that would be enough to trigger a societal collapse

MOHAMED QAWAM'S GOALS

Career goals

- Use my abilities and knowledge to become a successful electrical engineer
- To work in MASDAR, a company owned by MUBADALA is a state-owned company of the Abu Dhabi government in the United Arab Emirates.

Interests

- Soccer, Swimming.
- I am looking forward in for volunteering works.

Work

- A successful occupation that makes me enjoy in doing my work.

Political life

- World peace



OIL CONSUMPTION

- World oil consumption is increasing rapidly, as it is the main unsustainable resource that we as a society rely on.
- This is because its one of the most abundant energy resources.
- Oil burning leads to carbon emissions, which come from combustion of carbon based fuels (mainly oil).
- United States (ranked #1 in world's most oil consuming countries) oil consumption is about 22% of total world oil consumption.
- Sell your car or drive less. Buy a bicycle!

<http://www.eia.gov/tools/faqs/faq.cfm?id=33&t=6>



A BRIEF VIDEO ABOUT MASDAR CITY

- <http://www.youtube.com/watch?v=F3Wtze716QY>



JOAN STAMATAKIS' GOALS

- To live a happy, worthwhile life and have a good effect on the world
- To see my family, friends, and dog happy
- To stay connected with the world through having an Iphone, computer, etc., and to have a large house and family
- To be successful as an Industrial Engineer
- To stay active and to see the Pirates win a World Series
- To see changes made that make the country or world better



THE PROBLEM – ELECTRONIC WASTE

- At a day in age where almost everyone, including me, has a smart phone, TV, laptop, tablet, or other type of electronic to keep us connected with the world
- Something new comes along every two years - we are constantly upgrading and not properly getting rid of our old electronics
- E-waste is the fastest growing municipal waste stream in America, according to the EPA.*
- E-waste represents 2 percent of America's trash in landfills, but it equals 70 percent of overall toxic waste. The extreme amount of lead in electronics alone causes damage in the central and peripheral nervous systems, the blood and the kidneys.*

*<http://www.dosomething.org/actnow/tipsandtools/11-facts-about-e-waste>

