

HTCP Instructor Workshop

Group Activity



Highway Technician
Certification Program

November 20th 2023
UW-Platteville



GROUP ACTIVITY LEGO CHALLENGE

Why Legos?

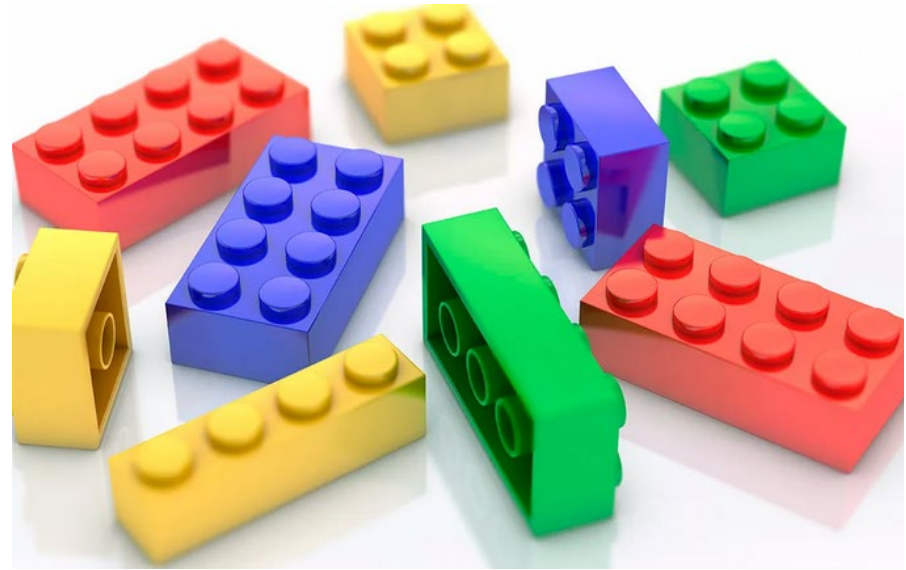
Listening to

Everyone

Give directions,

Organize and troubleshoot a project while having

Some fun!



Why Legos?

- How can Lego's bring any value add to this workshop?
- Legos will highlight the importance of:
 - Giving instructions
 - Hearing instructions
 - Interpreting instructions
 - Troubleshooting

Why Legos?

- **This activity will focus on:**
 - The importance of clear and concise communication
 - See first-hand the interpretation of instructions may not be what is intended
 - Showcase how others may have to adapt based on their understanding
 - Highlight that we can't "assume" everyone knows the same information you have or know
 - Experience, background or insight differs

Rules

- Group will pair off into groups of 3
 - Teams already selected
 - Two groups at each round table
 - Make sure to clean your table off/set items to the side
- Once you are in your group breakout you will decide each person's role in your "Lego Challenge"

Rules

- Sealed project plan details
 - Confidential envelope distributed to only one of the team members after roles are decided
- You will have a set time to complete your assignment

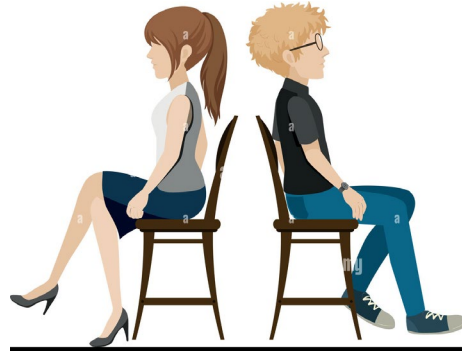
Job Duties

- **Engineer:** Your job is to view the plans and tell the contractor how to build the set.
 - You may not look at the contractor's work until it is completed
- **Contractor:** Your job is to build the set based off the engineer's instructions.
 - You may ask questions to the manager, but not to the engineer.
 - You may **not** see the plans until the work is completed.
- **Manager:** Your job is to oversee the contractor's work
 - You cannot tell the contractor if their work is incorrect
 - You may guide the engineer to give better instructions, but you **cannot** give the contractor instructions
 - Think of this job as a mediator
 - You're the go-to for both parties and observing the plans and work
 - You are **not** telling either party if they are correct or telling them how to accomplish the work

Rules

- ***Engineer & Contractor:***

- Chairs: Will sit back-to-back away from each other



- ***Manager:***

- Will stand viewing both Engineer & Contractor



Rules

- Timing:
 - 25 Minutes to complete the set
 - Plans are within the 8 to 10 step range
- We will come together at the end for findings

Team Name	Members
Group #1	Sara Neuman, Tim Hendrickson, Mike Lindner
Group #2	Howard Marg, Erik Lyngdal, Steven Hunter
Group #3	Adam Mueller, Gary Trofka, Tim Grezinski
Group #4	Brent Ferguson, Greg Kollross, Adam Johnson
Group #5	Hunter Waldschmidt, Janelle King, Russ Frank
Group #6	Jeanette Frazer, Jackie Spoor, Suzan Rolbiecki
Group #7	Brian Jandrin, Emily Gasser, Paul Michlig
Group #8	Karl Runstrom, Joe Kyle, Jeff Anderson
Group #9	Andrea Breen, Paul Eggen, Adam Albers
Group #10	Aleksandra Markovic-Graff, Jeff Bruesewitz, James Pforr
Group #11	Kevin Olson, Amber Bever, Leslie Ashauer
Group #12	Dan Reid, Bob Downing, Josh Seaman
Group #13	Andy Zimmer, Tony Rosling, Amy Pennekamp

Findings?

- Each Group will share what they observed, learned, felt:
 - What were your take aways?
 - How can take this process/learning and apply to your own classroom?

Presentation Skills

- Crucial:
 - ***Effective Communication:*** Help convey ideas clearly, ensuring audience understands your message
 - ***Engagement:*** Good presentations skills can captivate an audience, making them more likely to pay attention and engage
 - ***Confidence:*** Mastering presentation skills boosts confidence, allowing to express your thoughts more assertively
 - ***Influence/Persuasion:*** Effective presentations can influence decisions and drive action
 - ***Critical Thinking:*** Preparing hones ability to organize thoughts, analyze information and development coherent banter

Listening Skills

- Crucial:
 - **Effective Communication:** Good listening fosters clear understanding and facilitates effective dialogue, ensuring that messages are accurately received.
 - **Builds Relationships:** Actively listening shows empathy and respect, strengthening interpersonal connections and trust.
 - **Problem Solving:** Listening helps gather valuable information and perspectives that lead to better decision-making
 - **Learning and Growth:** By listening attentively, individuals can absorb new information, learn from others and expand knowledge base
 - **Collaboration:** Strong listening skills enhance teamwork by encouraging open dialogue and allowing all voices to be heard
 - **Reduces Misunderstanding:** Careful listening minimizes miscommunication and assumptions, leading to clearing and productive interactions.

Lunch Time

