

REMOTE TEAMWORK

Remote Teamwork

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FALL WORKSHOPS

Introductions

- Shosh
- Gabi
- Mackenzie

Remote team meeting tips and tricks

The Bad

- Communication difficulties
- Hard to collaborate
- Technological challenges
- No downtime
- Isolation

The Good

- Flexible scheduling
- No commute
- Increased productivity

Embrace pandemic-enabled possibilities

- Transition to OnShape - cloud based CAD
- “Hands-on” training via video
- Kits at home (soldering, small robots, circuits)
- Outreach via video and kits
- Machines at home
- Satellite labs

REMOTE TEAMWORK

Use a variety of communication tools

BlueJeans
by Verizon



Meetings, breakout sessions, workshops



Important/official communications



Messaging and file sharing for teams and workplaces across multiple devices and platforms



Group chat



Short updates intended for a wide audience



Mingling

FALL WORKSHOPS

Focus on onboarding new team members

- 1678 Approach
 - Small meeting groups of 4 (across subteams)
 - Must meet 4 times in a month
 - Play games and bond!

Focus on onboarding new team members (continued)

- 1868 Approach
 - Rookie/Cookie program
 - Multiple workshops every weekend
 - Full team meetings on first Fridays
 - Ongoing projects
 - Girl Scout programs

Practice good Zoom habits

- Get to know people first
- Show your face
- Show, don't tell
- Check in with smaller groups
- Celebrate individual and team successes!

Use icebreakers and team-building activities to foster teamwork

Ice Breaker Bingo

B	I	N	G	O
Is left handed	Has ever overreacted on a beach	Has brought pingpong	Has been sky diving	Has a child in college
Knows how to do a few handstands	Does not like sports	Has been published	Was a college athlete	Plays the violin
Has read all 7 Harry Potter books	Doesn't like chocolate		Is fluent in another language	Has met a celebrity
Writes a screenplay or	Has lived overseas	Listens to Elvis	Can describe the color blue	Was a bigger
Once bled in the past year	Grows beards	Has milked a cow	Will not kill a fly	Has a child in preschool



Use meetings as work sessions - no one wants to be in another lecture



Break into smaller groups to complete work



Give and receive real-time feedback



Learn through observing veterans



Collaborate!

Work session ideas

- Social media posts, budget planning, newsletters, website updates
- Work on code, troubleshoot in pairs or small groups
- Develop remote outreach opportunities
- Receive feedback on CAD, brainstorm together
- Pair up and build using kits

Polls

1: What tools/equipment have you provided for students to learn at home?

2: What are some of your team's recent accomplishments?

3: What is your team's most effective approach to remote bonding?

4: What type of remote outreach has your team done?

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Mentor insights

- Model the right behavior
- Understand where your team wants to focus this year (INFINITE RECHARGE at HomeSM, Innovation Challenge, Game Design Challenge, remote outreach, etc.)
- Be willing to make short-term investments
- Get creative (about lab space, meetings, activities)

Mentor insights (continued)

- Check in with every team member
- Celebrate the good
- Keep sponsors informed
- Be available to other teams

Resources and ideas

Home kits

- [Rover 5 robot platform kit](#)
- [Raspberry Pi robot car kit](#)
- Circuit Playground + [CRICKIT](#)
- 1868 home prototyping kit ([Fluor Engineering Challenge](#))
- [1678 soldering kit](#)

Advice and mentoring

- FIRST season [COVID guidance](#)
- [Compass Alliance](#)
- [FIRST Mentor Network](#)
- [Virtual Robocamps](#)

Questions?

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