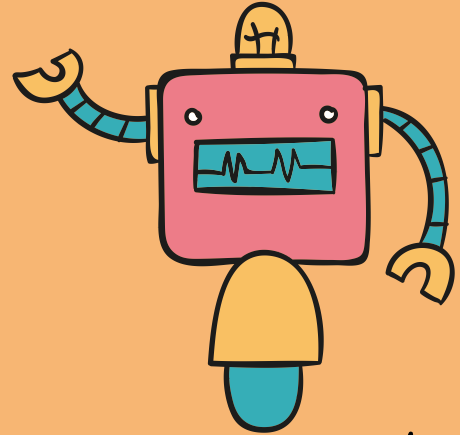
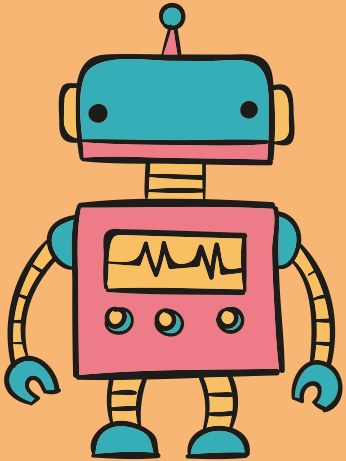


# Team Sustainability

## In a Nutshell

Presented by 2486





**What does it mean to be  
sustainable?**



# What does it mean to be sustainable?

Maintaining and continuing to grow your teams efforts and missions even as members graduate and new ones come into leadership roles.

## Dictionary

Definitions from [Oxford Languages](#) · [Learn more](#)



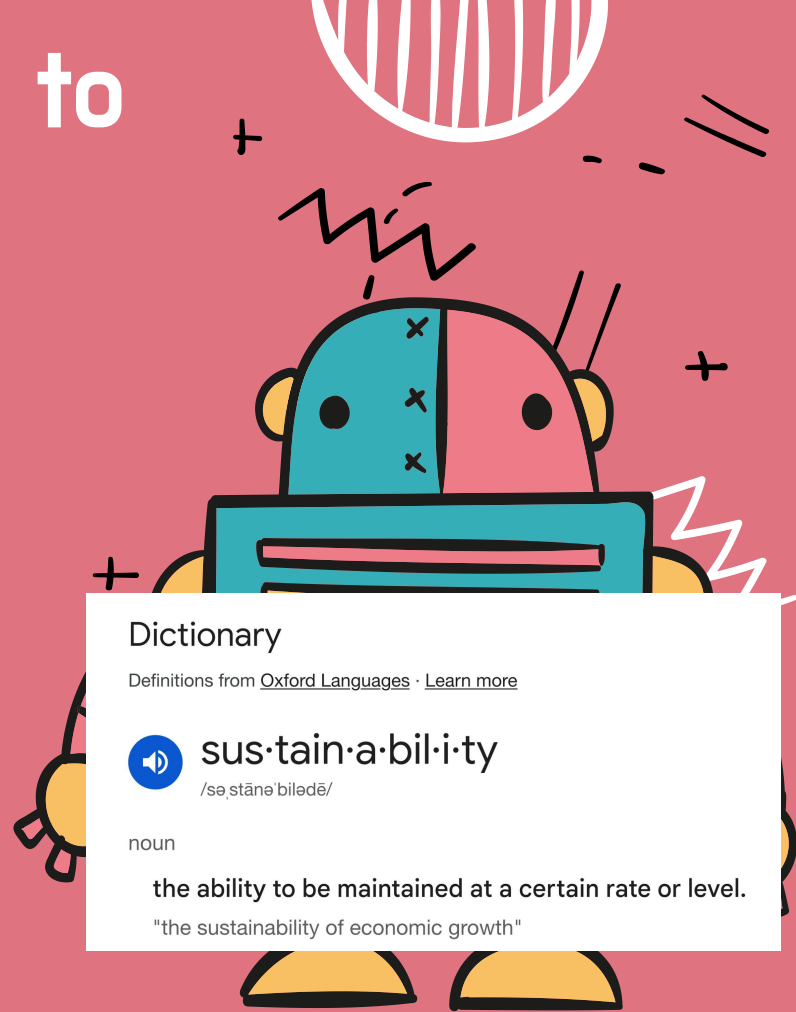
sus·tain·a·bil·i·ty

/səˈstānəˈbɪləti/

noun

**the ability to be maintained at a certain rate or level.**

"the sustainability of economic growth"



# How can we make our team sustainable?

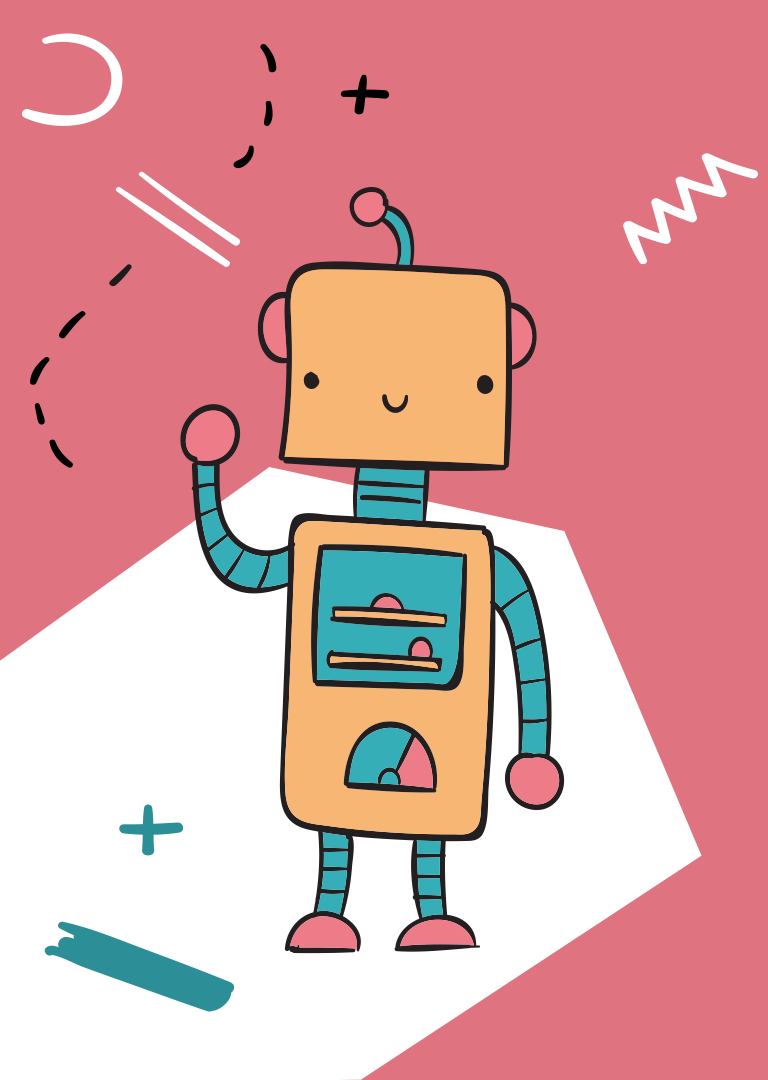


Maximize  
off-season

Teaching new  
members skills  
effectively and  
efficiently

Finding reliable  
and consistent  
sponsors





# Maximizing Off-season



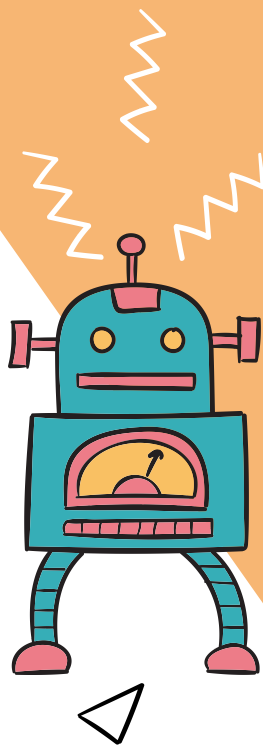
## Maximizing Off-season

It's not necessary to meet as frequent however even a weekly or biweekly meeting can help you get ahead of the game and ready for the upcoming build season.

- Recruit new members
- Team building
- Identify your core team
- Teach new skills



# Maximizing Off-season- EXAMPLES



01

Be active in your community or school and advertise new members meeting for your team.

02

Team building days! Have your team do fun challenges and ice breakers to build strong connections between existing and new members.

03

Find the team members you can rely on to be leaders and teach your new members skills.

04

Have your veterans teach skills to your new members through projects.

# Setting Goals for Off-season

The off-season is an amazing opportunity to get new members involved in projects like extra robots. However you should make sure that these goals are achievable for your new members.

- Discuss goals with members
- Work with peoples schedules
- Do activities that teach students
- Don't forget to relax





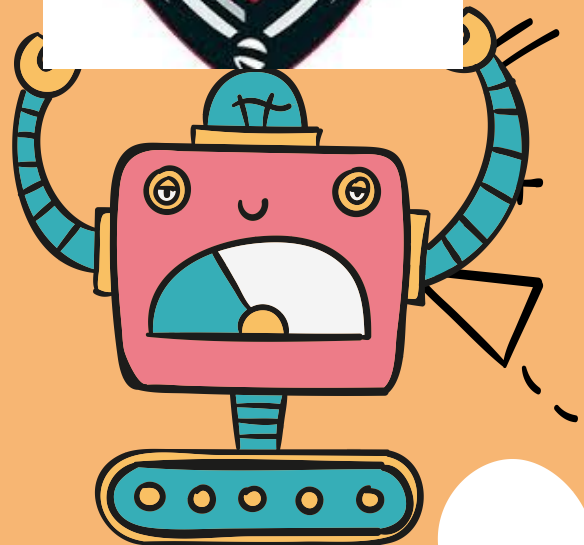
# ARL!!!

## Arizona Robotics League

ARL is an incredibly valuable and unique opportunity available to Arizona FRC teams thanks to team 498 Cobra robotics.

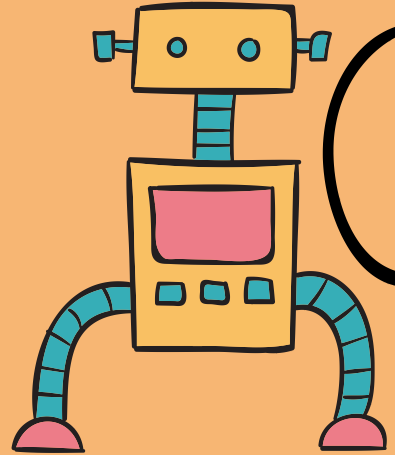
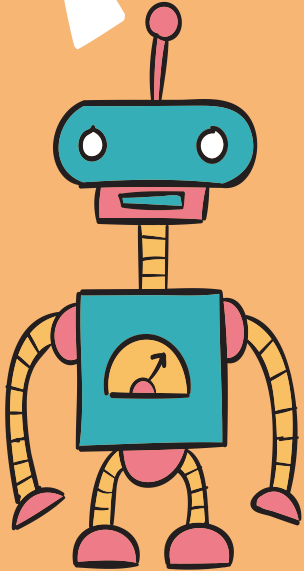
It's free!!!

You can have multiple teams. Ex. 2486 and 2486B

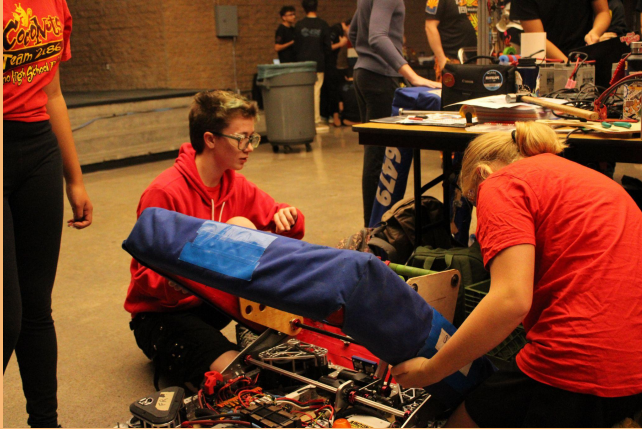


**What better way to teach new members robot skills than having them build their own robot for the off-season!!**

**ARL is a great opportunity to not only build a robot but give newer members competition experience and drive team practice.**

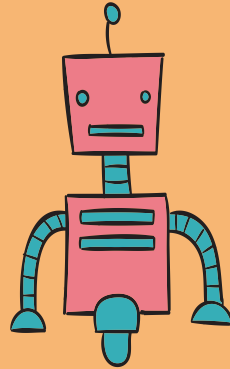


# Creating a B team with new members for ARL



## Build and Design

Have new members CAD and build a new robot. (Reuse parts to keep it affordable)



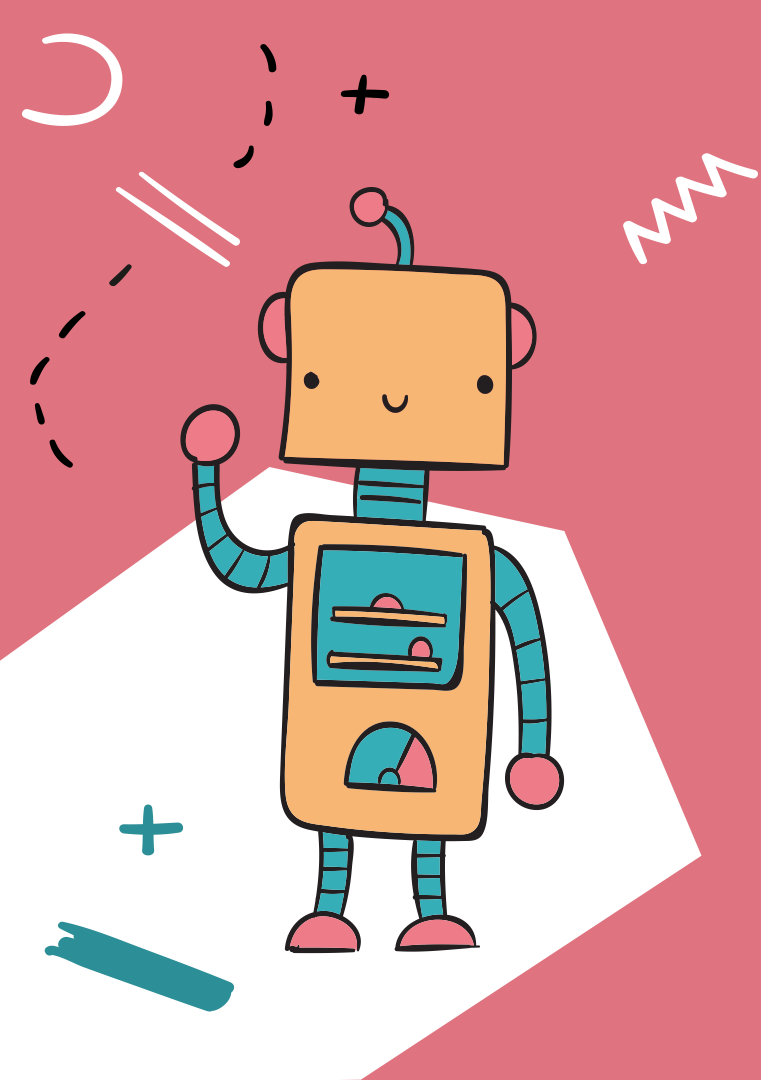
## Programing and Autos

Walk new members through the process of programing this robot and creating autos for it.



## Driving

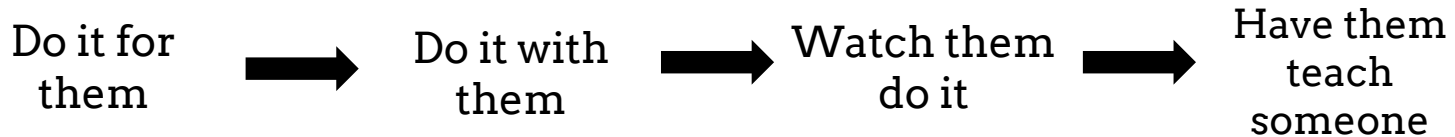
Train a new drive team that will compete in one or all of the ARL events. This includes pit crew!!



Teaching new  
members skills  
effectively and  
efficiently

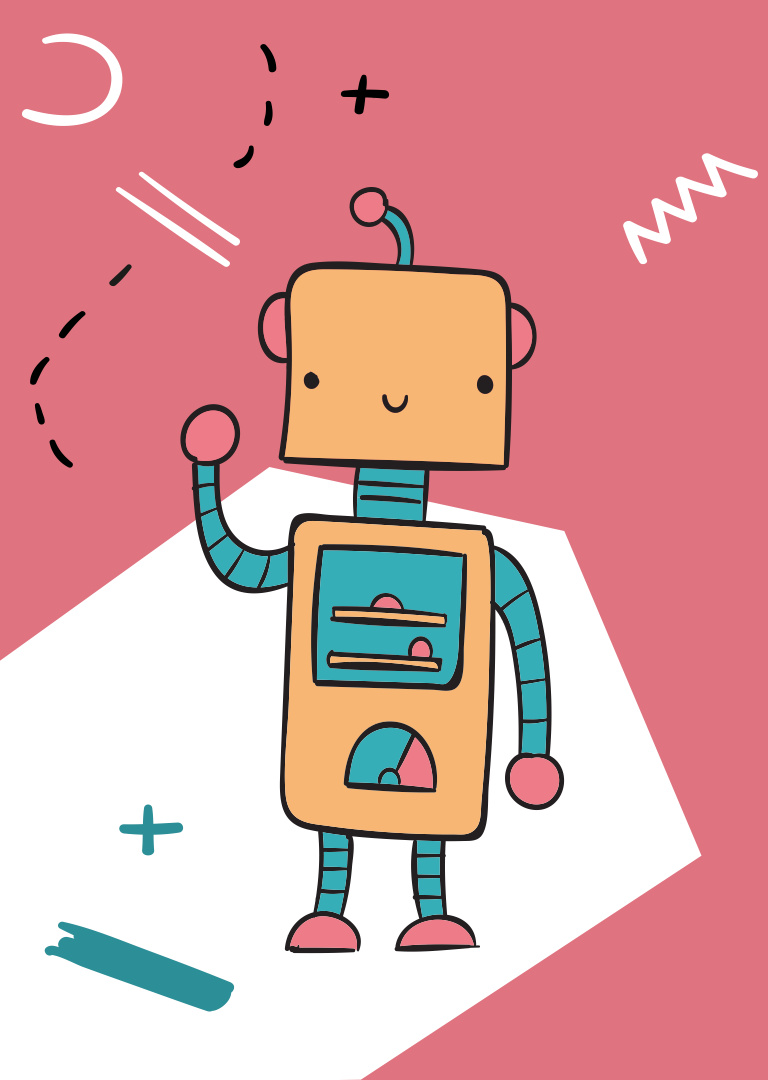
# Best practices for teaching new skills

- Give the skills not the answers
  - (Lead them to the answers by asking guiding questions)
- Have patience
  - (Understand no one is perfect the first time)
- Understand how your people learn
  - (Hands on, oral explanation, etc)



# Teaching New Skills at Competitions

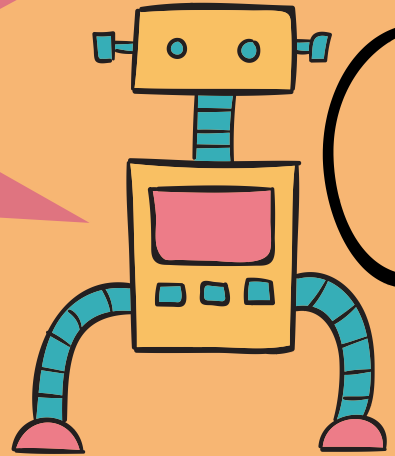
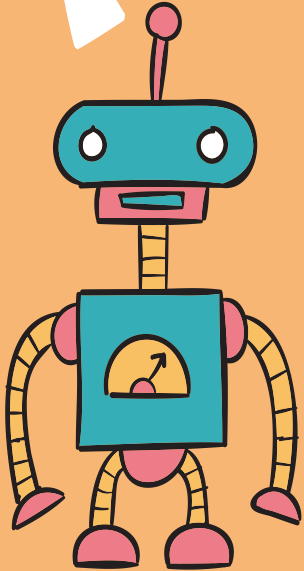
- Teach your members how to do competition specific jobs (driver, pit crew, scouting, presenters)
  - Not reliant upon veteran members
- Rotate jobs through these competition specific jobs to see where people excel.
- Show your new members the fun of competitions to encourage them to stay on the team and be active participants



# Financial Sustainability:

Finding reliable and consistent sponsors

**Sponsor  
relationship is  
KEY!!!!!!!**







## Finding Sponsors/Money

- Reach out to local business in your community
  - Cold calls
- Apply for grants
  - Have your mentors writethese



## Keeping Sponsors/Money

- Maintain relationship with businesses
  - Make sure they know what they're getting out of it
  - Show your appreciation (gifts)
- Re-apply for grants

# Sustainability in the community

- Be active in your community
  - Participate in STEM events
  - Reach out to younger teams and schools
- Mentor FLL teams
  - This makes students want to join your team
- Spread STEM across your community to keep your team and FIRST alive.





# Tying this all together in terms of sustainability...



## Off-season



Using this time to grow your team both technically and in the way you function together.

## ARL



Teaching newer members the skills they will need to be successful in the coming seasons.



## Finances





Ensure your teams financially ready for the years to follow

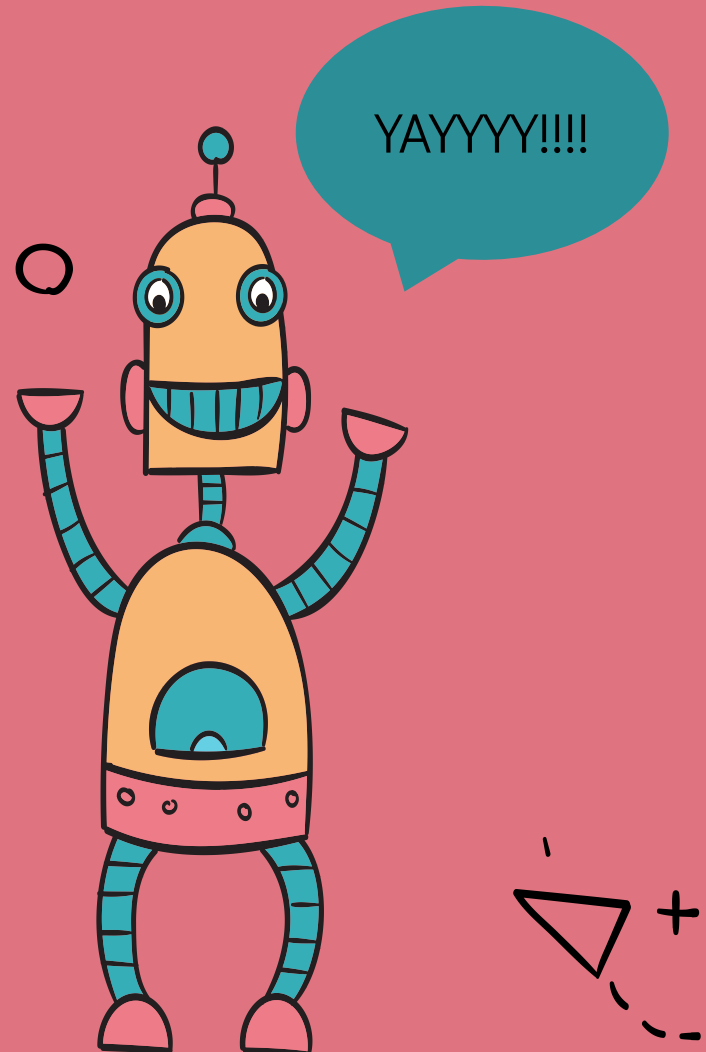
## Community



Being active in the community around you to promote interest in your team guarantee future members.



All these things are  
the key to avoiding  
“rebuilding years”  
and creating a team  
with a lasting  
legacy.





# Thank you!!!

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