



Team Logistics



Hello!

Grace Welinski, FRC 4607 CIS

Kami Ziebarth, FRC 4607 CIS

Emma Schreifels, Bison Robotics

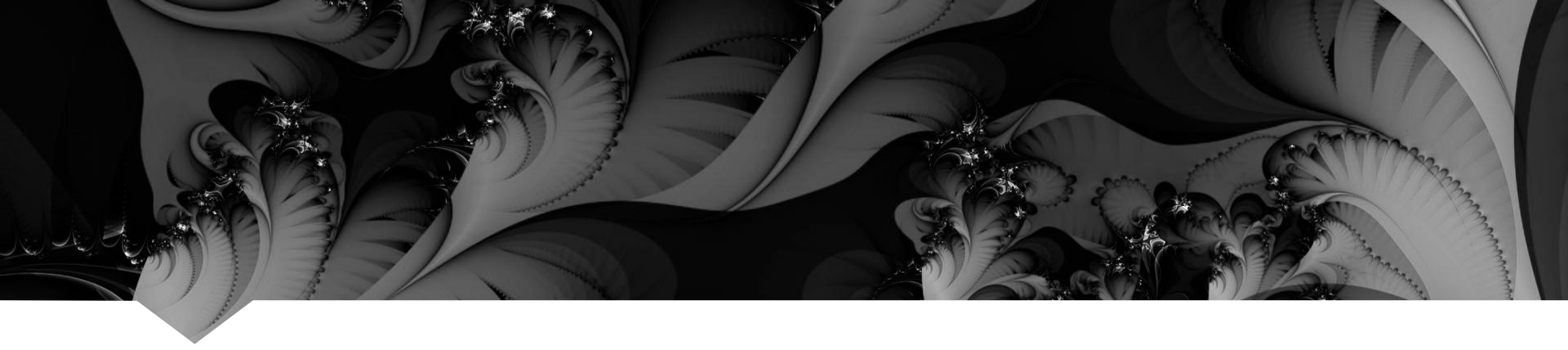


Logistics . . .

- the detailed coordination of a complex operation involving many people, facilities, or supplies

Why is it important?

- FRC = more than just robots
- Teams need to employ higher-level strategies to be successful



TOOLS:

Project management, communication, scheduling, archiving, training, visuals, misc.

Project Management

Tools to keep track of all robo
projects!

- **BeyondPad**
- **FreedCamp**
- **Trello**

Navigation bar: Home, Notifications, Bookmarks, Homework in Emma's P... (Search, Upgrade, ES, Emma S.)

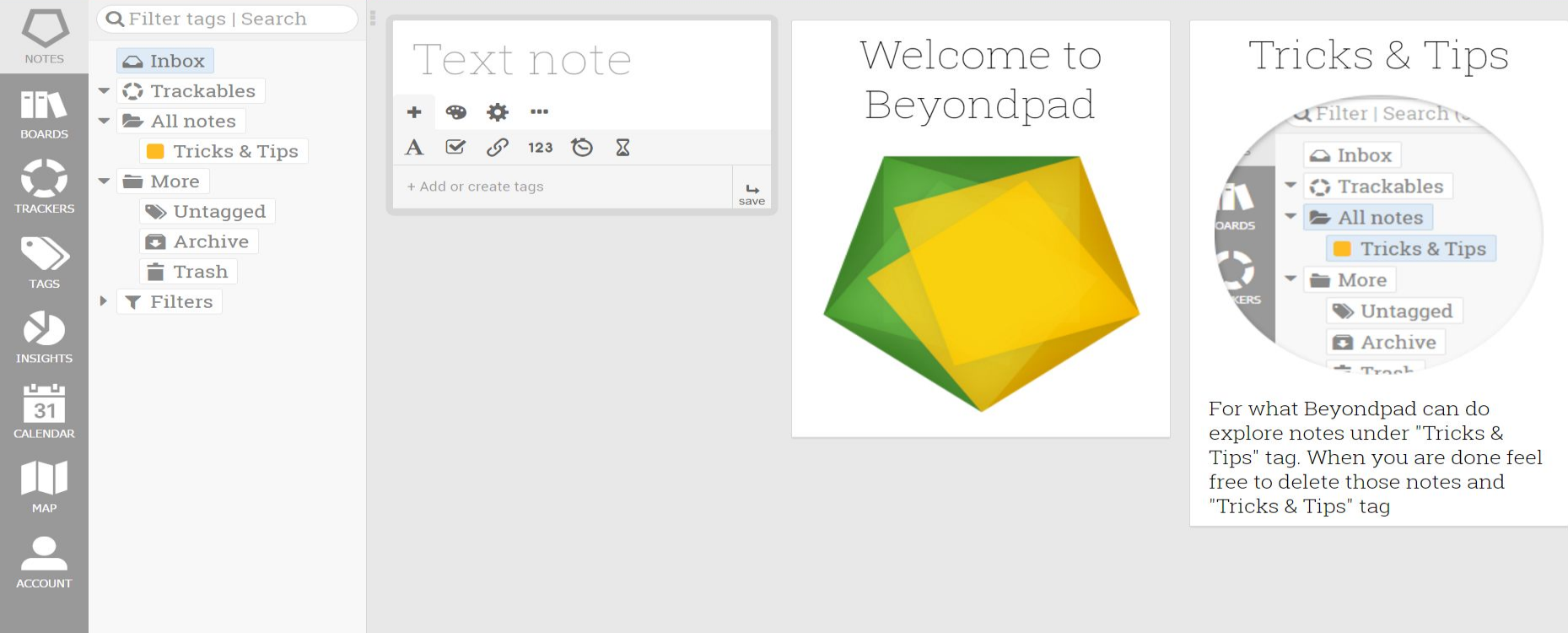
Task Management Interface:

- Buttons: Tasks, Discussions, Files, Calendar, +
- Sort by: Set order asc (Filter by: choose, Contains text, Save Search)
- Buttons: Add Task, Settings

No progress	In Progress	Completed
<div>Task List</div> <div>English High + -</div> <div>Math Medium + -</div>	<div>Drag a Task in here to set it in progress</div>	<div>Computer Science II + -</div>

FreeCamp

FREE, can set explicit priority, calendar, discussion board, file storage, clean look



BeyondPad

FREE, probably more useful for keeping track of simply project to-dos, uses tags for organizing information

Bison Robotics Action Lists | Bison Robotics | Team Visible

Label Key

- Urgent
- Project Leads/Officers
- Need Volunteer(s) - Contact appropriate project lead if applicable (info is on BlackBoard) or BR President
- Pertains to Everyone
- IF YOU HAVE QUESTIONS ABOUT ANYTHING BISON ROBOTICS, CHECK OUT OUR MEMBER SURVIVAL GUIDE! (link included in card)

Continuous To-Dos

- Project Leads: keep your respective project action list updated
- Continuously update all build, club, and volunteer hours on BlackBoard or follow the links within this card!
- Check dates for everything on the website (www.ndsubisonrobotics.org) or BlackBoard
- TAKE PICTURES. (Then be sure to put them in the Media Folder on the Google Drive)

Club's General Action List

- Work on getting everyone on Trello

Work on getting everyone on Trello

in list [Club's General Action List](#)

Labels: **Project Leads/Officers** **Pertains to Everyone**

[Edit the description...](#)

Add Comment

Write a comment...

Send

Activity [Hide Details](#)

- Emma Schreifels left this card May 1 at 7:00 PM
- Emma Schreifels joined this card Feb 17 at 2:14 PM
- Emma Schreifels added this card to General Action List Feb 6 at 3:26 PM

Add

- Members
- Labels
- Checklist
- Due Date
- Attachment

Power-Ups

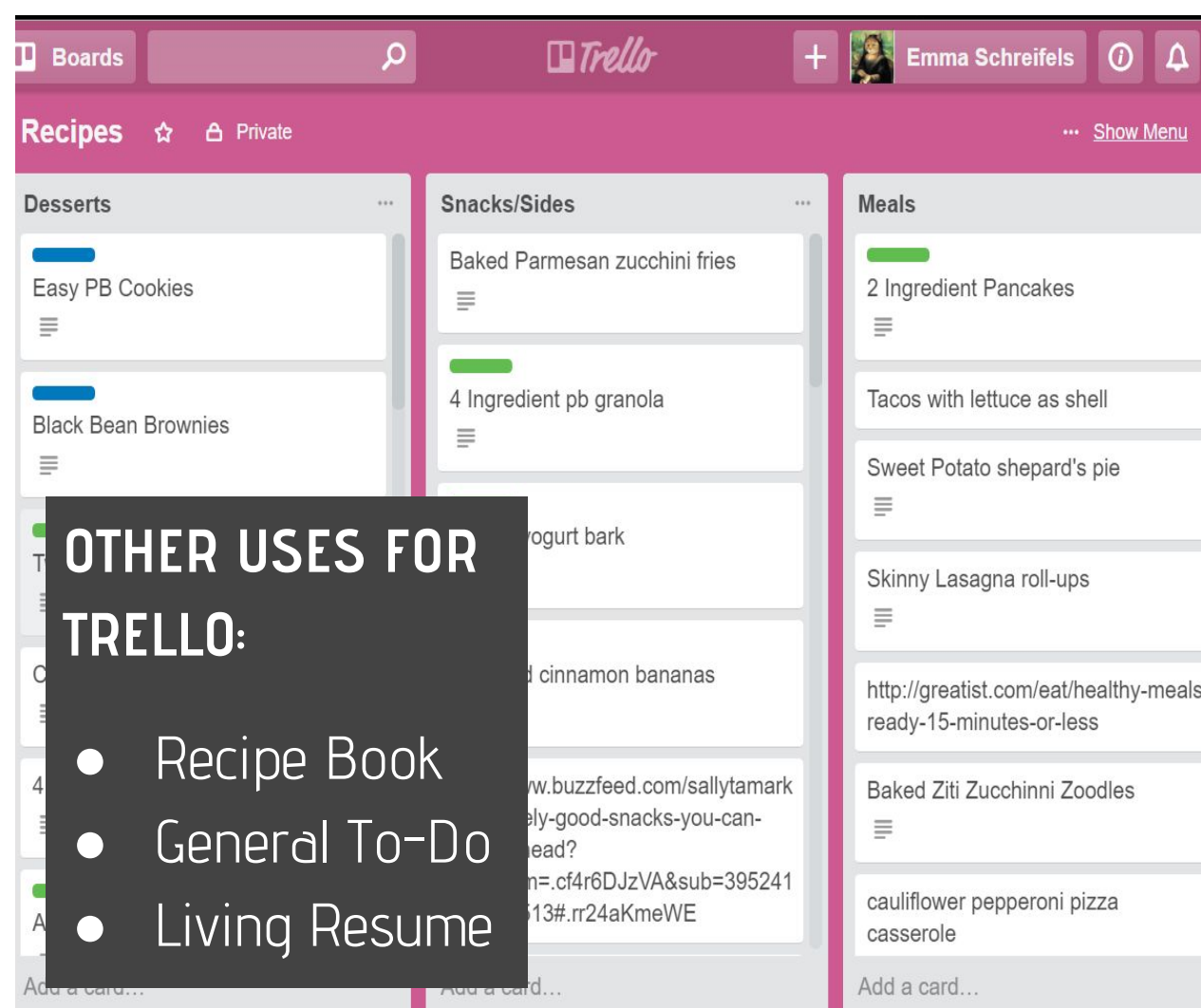
- Google Drive

Actions

- Move
- Copy
- Subscribe
- Archive

Trello - OUR FAV!


FREE, multiple projects, assign members/deadlines, discussion, labeling, user-friendly, can attach files, visually appealing design



The screenshot shows a Trello board named 'Recipes' with a pink header. The board is organized into three columns: 'Desserts', 'Snacks/Sides', and 'Meals'. Each column contains several recipe cards with progress bars and lists of ingredients or steps. The user's profile 'Emma Schreifels' is visible in the top right corner of the board interface.

OTHER USES FOR TRELLO:

- Recipe Book
- General To-Do
- Living Resume



The screenshot shows a Trello board named 'Living Resume' with a grey header. The board is organized into three columns: 'NDSU Sophomore Year: 2016-17', 'NDSU Freshman Year: 2015-16', and 'BHS: 2015 a'. Each column contains cards detailing academic and extracurricular activities, such as 'Bison Robotics Roles', 'Mentor FTC team through Legacy', 'MRI Volunteering', and 'Jumpstart Training volunteering'. The user's profile 'Emma Schreifels' is visible in the top right corner of the board interface.

Trello Training that
Bison Robotics uses...

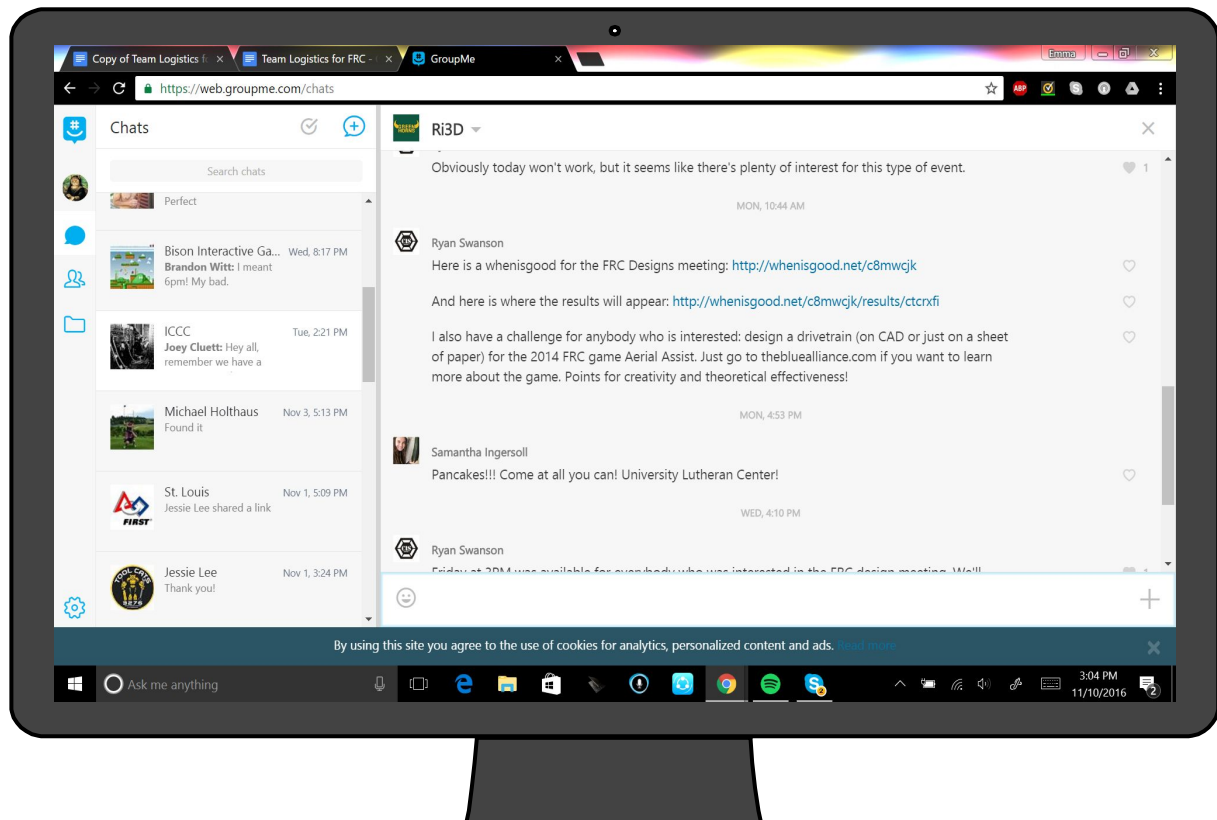
<https://docs.google.com/presentation/d/1WS5idSV2KHOHxZs2DZs0mzWg0VRIqrFOQFEyn3i44ws/edit?usp=sharing>

Communication

Tools to keep everyone updated
on team happenings!

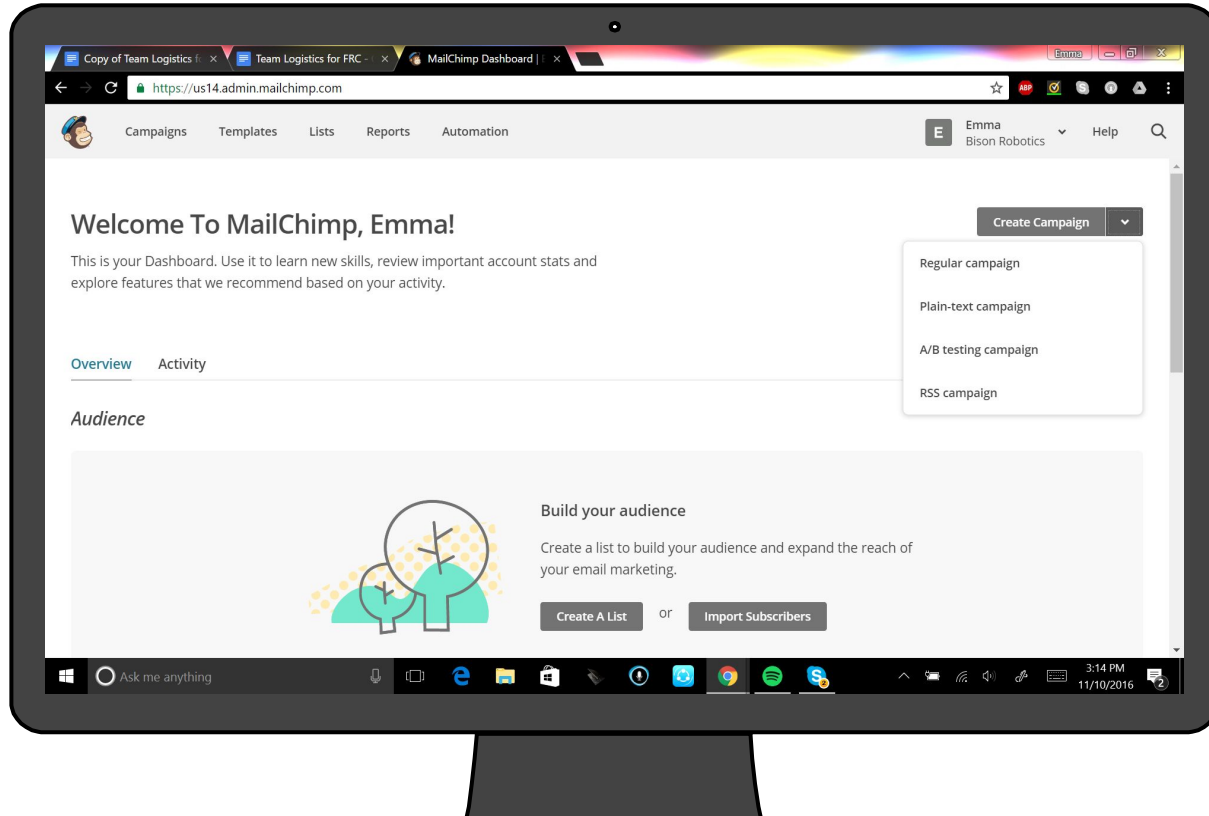
- GroupMe
- MailChimp
- Slack
- Remind

GroupMe



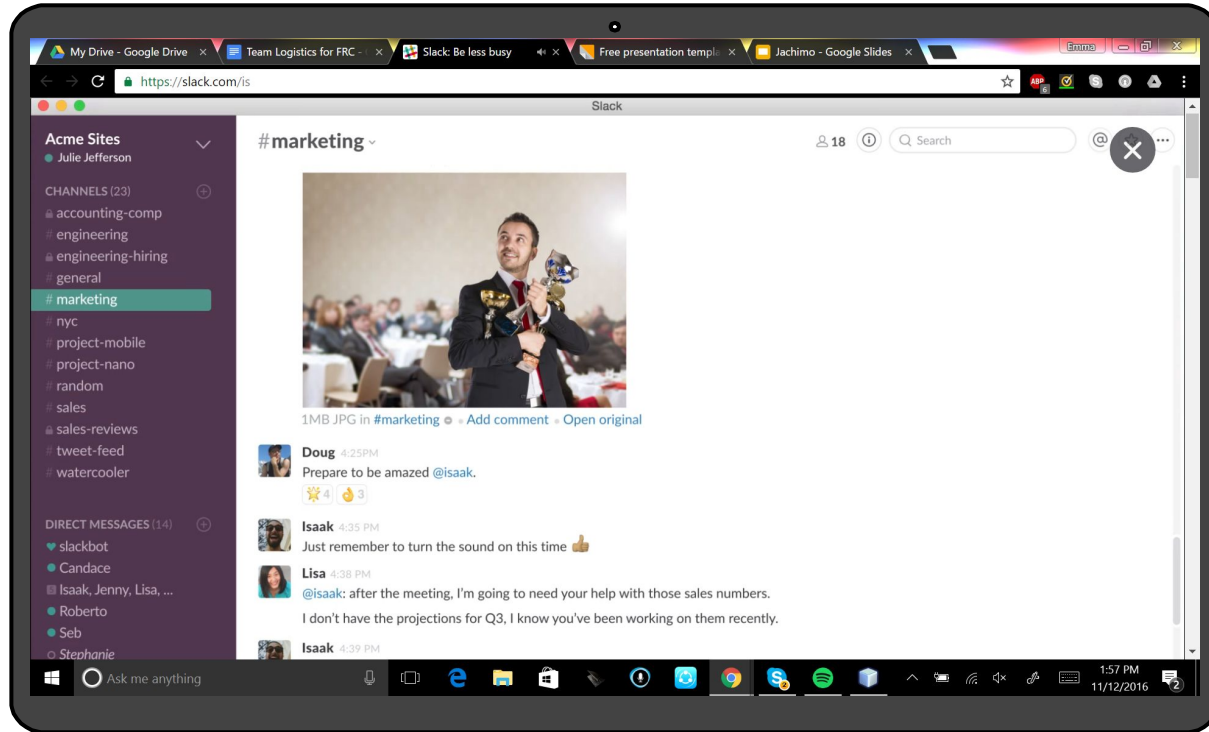
- iOS/Android/Web compatible
- FREE
- Group messaging without a texting plan or phone
- Share photos, videos, files, locations
- Create events/get RSVP, vote, etc.

MailChimp



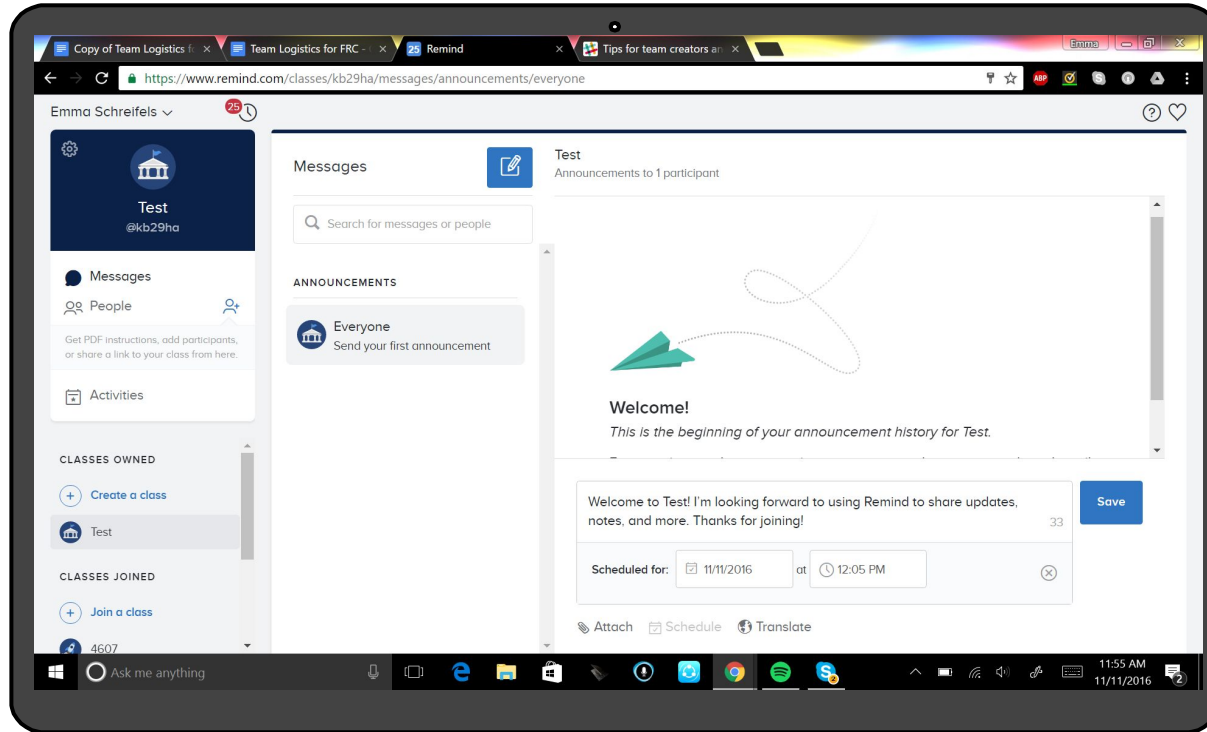
- USE THIS FOR NEWSLETTERS ETC.
- FREE
- Campaigns = emails sent to subscribers in a list
- Reports, lists, templates

Slack



- FREE
- Messaging app
- Channels can be private or public
- Can easily share files and integrate apps

Remind



- FREE
- Mass messages via texts
- Easy to use
- Can schedule ahead of time
- Can attach files to messages
- Web and mobile app

Scheduling:

Whenisgood.net

Figure out the best time for meetings/build!

When is Good

[login](#) | [get account](#) |

Options

[send more invites](#)
[add response](#)
[edit event](#)

Responses

Matthew Cadden
Willem Bohrer
Curt Wedin

FRC Designs

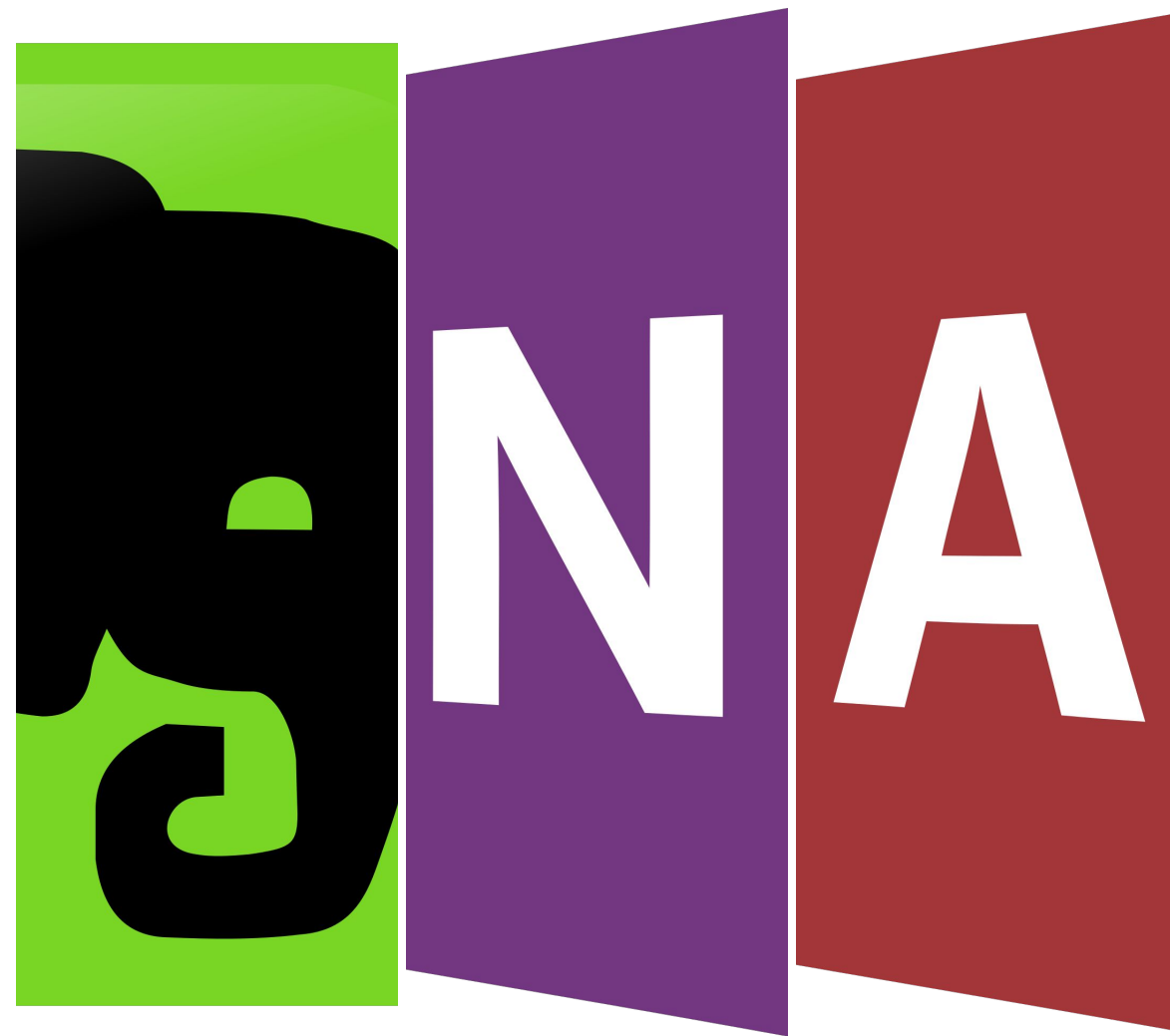
Mon 7 Nov	Tue 8 Nov	Wed 9 Nov	Thu 10 Nov	Fri 11 Nov
	8:00 am ✓	8:00 am ✗	8:00 am ✗	8:00 am ✗
	9:00 am ✓	9:00 am ✗	9:00 am ✗	9:00 am ✗
	10:00 am ✓	10:00 am ✗	10:00 am ✗	10:00 am ✗
	11:00 am ✓	11:00 am ✗	11:00 am ✗	11:00 am ✗
	12:00 pm ✗	12:00 pm ✗	12:00 pm ✗	12:00 pm ✗
1:00 pm ✓	1:00 pm ✓	1:00 pm ✗	1:00 pm ✗	1:00 pm ✗
2:00 pm ✗	2:00 pm ✗	2:00 pm ✗	2:00 pm ✗	2:00 pm ✗
3:00 pm ✗	3:00 pm ✗	3:00 pm ✗	3:00 pm ✗	3:00 pm ✓
4:00 pm ✗	4:00 pm ✗	4:00 pm ✗	4:00 pm ✗	4:00 pm ✓
5:00 pm ✗	5:00 pm ✗	5:00 pm ✗	5:00 pm ✗	5:00 pm ✓
6:00 pm ✗	6:00 pm ✗	6:00 pm ✓	6:00 pm ✗	6:00 pm ✓
7:00 pm ✗	7:00 pm ✗	7:00 pm ✓	7:00 pm ✗	7:00 pm ✓
8:00 pm ✗	8:00 pm ✗	8:00 pm ✓	8:00 pm ✗	8:00 pm ✓

- Free
- Who can and cannot go
- Quick and easy

Archiving

Tools to keep track of all the team's information!

- OneNote
- Evernote
- Access
- Google Drive



EverNote

Note keeper

Supports a lot of formats

OneNote

Note keeper

Saves to OneDrive

Access

Database Management

Can import Excel sheets

Google Drive interface showing the 'My Drive' section. The interface includes a search bar at the top, a sidebar with navigation options (My Drive, Shared with me, Recent, Google Photos, Starred, Trash), and a main area displaying folders and files. The folders section shows 'Bison Robotics...', 'Emma BR', 'Robo Champs ...', 'Bison Robotics', 'CIS', 'Costa Rica Trip', 'Personal', 'Random Class...', 'Computer Scie...', 'Education', 'Creativity', and 'COR Robotics'. The files section shows 'Team Logistics for ...', 'Copy of Team Logi...', 'Copy of Quintus', 'Science project', and 'Photo album'. A notification banner at the bottom indicates '3 GB of 15 GB used' and offers an 'Upgrade storage' option.

Google Drive

Search Drive

NEW

My Drive

LAST MODIFIED

Folders

My Drive

Shared with me

Recent

Google Photos

Starred

Trash

3 GB of 15 GB used

Upgrade storage

Get Drive for PC

Team Logistics for ...

Copy of Team Logi...

Copy of Quintus

Science project

Photo album

Google Drive – OUR FAV!

FREE, can access documents anywhere, can import Microsoft Office documents, keep track of photos, easy collaboration

Training

Tools to help train team members!

- Kahoot
- Screencast-o-matic

Q1 Who used the argument "I think, therefore I exist"?



Next
0
Answers

Plato

Descartes

Leibniz



TE & PLAY GAMES IN ANY SUBJECT & LANG

ENCAST MATIC

Record



Screen



Webcam



Both

Max Time

00:15:00

Size

720p

Narration



Computer Audio



Preferences...



00:00

Screencast-O-Matic is free to use, but [gets p](#)

Visuals

Tools for presentations and more! Our brain LOVES these!

- Sway
- Prezi
- Google Slides
- Canva

Cards

Image

Video

Tweet

Audio

Embed

Group

Automatic

Stack

Comparison

Storyline

Details

Emphasize

Accent

Link

Focus Points

My Vacation in Rome, Italy - Emma

Image Card: Trevi Fountain in Rome Italy by Michael Matti | The Trevi...

Caption

Text Card

My Vacation in Rome

I am really interested in traveling to Europe at some point, and Rome is one of the destinations at the top of my list. I loved history class units on the Colosseum and

Preview

My Vacat

I am reall

some poi

at the top

the Colos

the area's

an aweso

is studyin

LOVES it;

are insano

Microsoft Sway

A way to create non-conventional slide shows



Prezi


Can get a free account, fun movement


Photo album ☆


File Edit View Insert Slide Format Arrange Tools Table Help Last edit was 3 days ago


Present Comments Share


+ [Icons] Background... Layout Theme... Transition...


1  WEST COAST ROAD TRIP

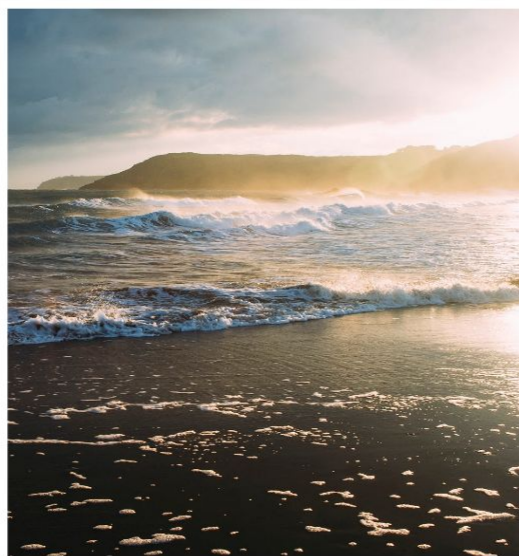

2 

3  72 HOURS.
4 HUMANS.
1 CAR. 3 DOGS.

4  Long Beach

5 

6 

Click to add notes

✦

Google Slides and Slide Carnival

Easy to collaborate, accessible anywhere, make your own fun themes

SEARCH

Search 1,000,000 images...

LAYOUTS



Free Photos



Grids



Frames

ELEMENTS



Shapes



Lines



Illustrations

BKGROUND



Icons



Charts



I Love Canva

UPLOADS



1

1

1

1



- 50% +

LIKE GAMES?



FRIDAY, NOV. 18TH

7pm - 10pm

A. GLENN HILL CENTER

Room 300

\$5 ENTRY FEE GETS...

Access to dozens of video,
card, and board games
along with a raffle ticket
for various prizes!

COME GAME WITH US AND SUPPORT VIDEO
DEVELOPMENT, A SUBGROUP OF BISON RO

Questions? Contact Brandon.Witt@ndsu.edu

BR's Five Tier Sponsorship Program

Up to \$499 :

TIER
01

- Name on BR website



\$500 - \$1499 :

- Small logo and company name on BR's tshirts and banner

TIER
02

\$1500 - \$2999 :

- Medium logo on tshirts, banner, and robot
- Invitation to the BR Banquet at the end of the year

TIER
03

\$3000 - \$4999 :

- Large logo on tshirts, banner and robot
- Option to speak at



NDSU

BISON ROBOTICS

SINCE 2014



Develops leadership and
professional skills to be
used in future careers

100

active and diverse
student members

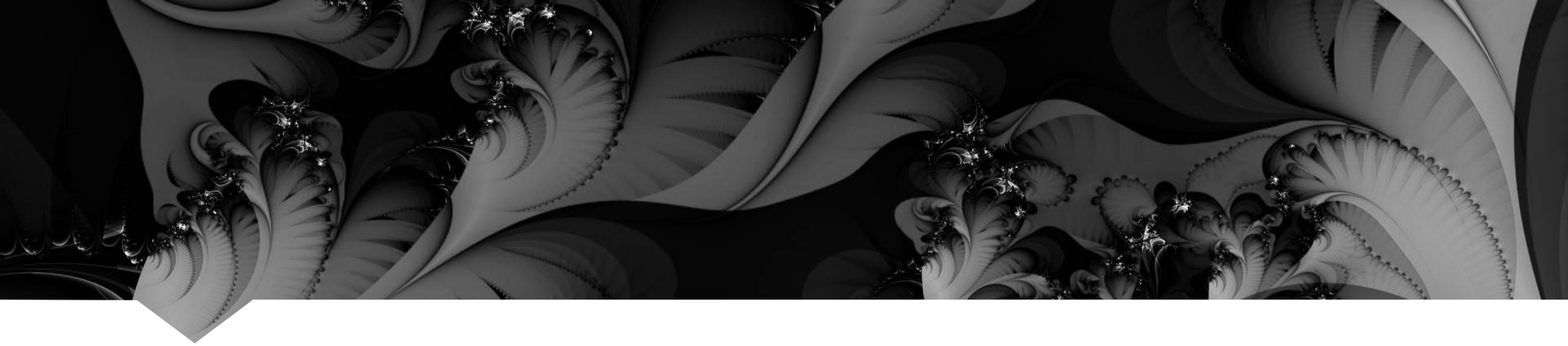


Promotes and teaches:

- Science
- Technology
- Engineering
- Mathematics

Works to
challenge
students





General Tips:

... for how to run a successful FRC team.

- Do not let personal interests persuade management decisions
- Input is important, but too too much input can be detrimental in some cases too
- Explain your reasoning behind your decisions to the team
- Empower others, and help them improve



- Represent your team the way it deserves to be repped,
- Work with leads to make sure everyone has meaningful and productive tasks
- ALWAYS ask for feedback! And react to it to improve processes
- MAKE SURE EVERYONE KNOWS BASIC FACTS = EVERYONE is your marketing team



- Try out new ways of doing things to see what works best!
- Make clear and concise goals for the team and post these somewhere visible. Keep track of progress on these!
- Always make meeting agendas. For Large Group Meetings, try having powerpoints!
- Keep track of EVERYTHING (online is great)



- ALWAYS BE TRAINING MEMBERS. This is extremely important.
- Create visuals to better and more easily represent team facts, processes, organizational structures, communications, etc... aka for everything. Our brain likes these more!
- CREATE A MEMBER SURVIVAL GUIDE! [Bison Robotics Member Guide](#)





Thanks!

Any Questions?

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