



# 2022 IGNITE Your Future: Career Field Activities



*Activities are organized throughout the building by career fields as much as possible.  
Behind the descriptions are the room numbers or locations. Note that there are 15 activities outside.*

## AGRICULTURE, FOOD & NATURAL RESOURCES

- Precision Ag in the Heartland - **Outside** front circle
- What's in Animal Feed? Science in action - **Outside** near 427
- Crop Moisture: Go Figure! - **Outside** near 427
- Ag Spraying Safety is a Must - **Outside** near 427
- Ag Goes High Tech with Drones and More - **Outside** near 427
- Ultrasound Shows the Cow-Calf Connection - 365
- Fish Tales: Learn to tag and ID scaly friends - 385
- Egg Mysteries: Candling Reveals the Truth - 410
- The Vet is In: From Dog Physicals to Animal Skulls - 427
- Ear Tag Key Chain: Make and Take - 427
- Landscaping: Growth Starts with Good Roots - 429
- Meat Cutting by the Slice: Have a Favorite Cut? - 429

## ARTS, INFORMATION TECHNOLOGY, COMMUNICATIONS

- Video Master = Drones + Action + Talent - **Outside** front entrance
- Photo and Design: Lights, Camera, Action! - 153
- Art of Cyanotype Printing - 165
- Personalize a Clay Pendant - 164
- Social Media Photos: Beyond Friends and Selfies - 200 Commons
- Create an Accessible World through Color - 200 Commons
- Computer Guts: Are You Wired to Become a Geek? - 246A/B
- Design with Canva: Pop Your Social Media Presence - 440

## BUSINESS, MANAGEMENT & ADMINISTRATION

- Keyboard Challenge: How Fast Can You Type? - 460
- Hire Me! From Help Wanted to In the Door - 460
- True Color Personality Test - ID Your Business Strengths - 465
- Lemonade Stand \$\$ Competition: Will Your Profits Win You a Prize? - 465
- Let's Play Jeopardy! Credit, Insurance, Finance, & Fraud - 475
- Real Estate 101 to Buy Your First Home! - 475
- Build an LED Circuit Board - 257

## ENGINEERING, MANUFACTURING & STEM

- Plug into Industrial Careers with Circuit Controls - 259
- Robots Make it Happen! Manipulate a 6-Axis Robot - 259
- Catapult Your Future by Building a Tabletop Launcher - 270
- Feel the Magnetic Pull - 315
- Save Lives with Infrared & Fluorescents - 315
- Radiography Reading Challenge - 315
- Machine Masters - Step 1: Draft a Souvenir with SolidWorks Software - 340
- Welders Master the Heat! Bend, Polish & Weld Metals - 353
- Chemistry Mystery Sleuth: Can You ID the Clue? - 370
- Machine Masters - Steps 2-4: Manufacture, Measure and Assemble Your IGNITE Souvenir - 371/380

## ENGINEERING :TRANSPORTATION&CONSTRUCTION

- Caterpillar Simulator: Bulldozers, Loaders, and Excavators, Oh My! - **Outside** front circle
- Get Truckin'! Drivers are in HUGE Demand - **Outside** front circle
- Explore Transportation Careers - **outside** behind 267 and 270
- Hit the Virtual Road in a CDL Truck Driving Simulator - **outside** 427
- Autos Speak Volumes, Just Listen! - 259 & 258
- Splat! Virtual Reality Auto Body Paint Simulation - 259 & 258
- Virtual Reality Plumbing & Air Diagnostics - Cool! - 263
- Electrify Your Future with Connectors, Circuits and Lights - 267
- Construct a Wood Souvenir Truss - A WHAT? - 355

## GENERAL

- Start Your 4-year Degree! Liberal Arts & Sciences Trivia - 158

## HEALTH SCIENCE

- Ambulance! Life-saving in the Fast Lane - **Outside** near 246
- Paramedics: Airways, Bleeding and Saving Lives - 151
- Therapy Obstacle Course - Can You Finish? - 233

## HEALTH SCIENCE

- Patient Assessment Goes High-Tech - 235
- Assisted Mobility for Patients and Grandparents on the Move - 235
- HELP! I'm Wounded! Nursing Students to the Rescue! - 235
- TED Socks Challenge: How Fast Are You with Those Tight Socks? - 237
- Baby on Board! Can You Install a Car Seat Properly? - 237
- Medical Assistant is IN! - 360
- What's Your Blood Type? Blood Draws, Vaccinations and Patients - 360
- Massage Therapy Kahoot Game - Who Will Win? - 475
- Chiropractic Insights: Reflexes and Ergonomics - 475
- A Slice of Science: Dissect an Animal Brain & Test Nerves with College Students - 380

## HUMAN SERVICES

- Buckle Up! Will the Seat Belt Convincer Impact Your Behavior? - **Outside** front sidewalk
- Human Side of a Hearse: The Compassion & Science of Funerals - 247B and **Outside** north side
- Stress Less! Learn to Use Stress Balls Effectively! - 240
- Take a Breath Using Strategic Breathing - 247A
- Connect with Kids at the Children's Mini-Museum - 248
- Communication Disorders: High-Tech Simulation Makes Difference - 249

## LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

- FIRE! Take the Firefighter Challenge. Do You Have the Strength? - **Outside** front circle
- Calling 9-1-1: Meet the SWAT Team and the HPD - **Outside** north side
- Calling 9-1-1: Rescue Vehicles, K9 Unit and Drone Team - **Outside** north side
- To Protect and to Serve: Try on Police Gear & Explore the Blue - 246
- Order in the Court with Judge Jodi and her Legal Team - 247

# YOU'RE HERE!

*We hope you have a great day exploring activities that interest you and trying others that may surprise you. What looks cool?*

*Where are you headed?*

- Mark activities you explore
- Note your departure time to catch your bus. \_\_\_\_\_
- Set a reminder/timer on your phone for your departing time
- Need Help?
  - Ask an event volunteer
  - Locate a school chaperone in the Commons or with help at the info table in the front Main Entrance
  - Locate first aid, lost and found, or exit door in Main Entrance

## NEXT STEPS



- Complete your post-event survey at [ridgewater.edu/igniteyourfuture](http://ridgewater.edu/igniteyourfuture) or the QR code above TODAY.
- Tell your counselor/chaperones about your day – ask questions to keep exploring careers
- Visit with family & mentors about their careers and ideas for you
- Continue **IGNITING Your Future** by exploring more careers!

2 Century Avenue SE

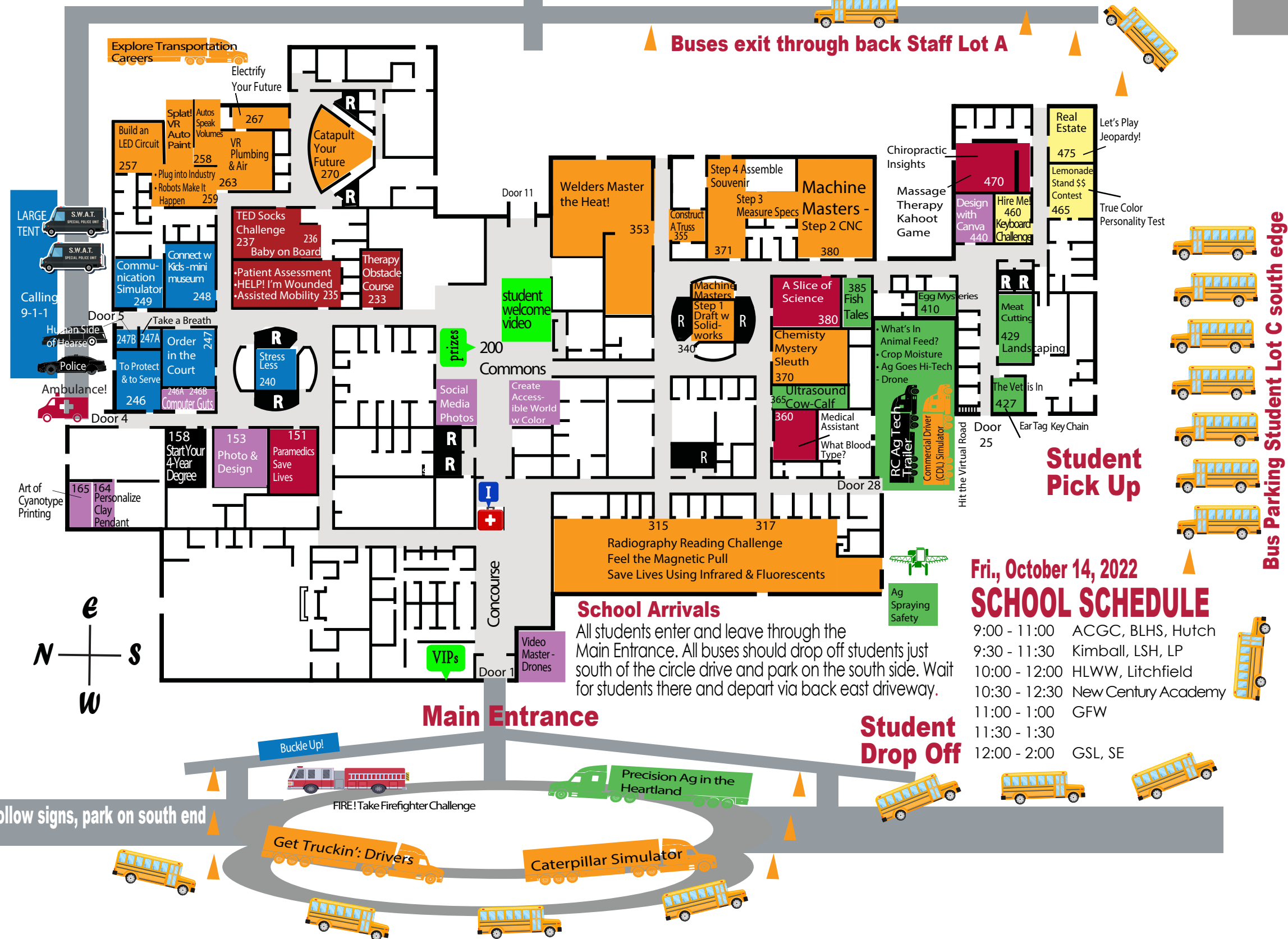


# IGNITE Your Future! CAREER FIELDS

- Ag, Foods, Natural Resources
- Arts, Communication, and Information Technology
- Business, Management, and Administration
- Engineering, Manufacturing, and Technology
- Health Sciences
- Human Services

Rooms: 100s, 200s - north half  
Rooms: 300s, 400s - south half

- R** Restroom
- +** First Aid
- Hand** Volunteer check in
- I** Information, Lost & Found
- Star** Hospitality: Activity Partners, Volunteers
- VIP** VIP Reception & Connection



## Fri., October 14, 2022 SCHOOL SCHEDULE

9:00 - 11:00	ACGC, BLHS, Hutch
9:30 - 11:30	Kimball, LSH, LP
10:00 - 12:00	HLWW, Litchfield
10:30 - 12:30	New Century Academy
11:00 - 1:00	GFW
11:30 - 1:30	
12:00 - 2:00	GSL, SE