

Welcome to Ludlow's

STEM WARS

You are entering a galaxy of science, technology,
engineering, and math! ...And dinner!



Your Family's Agenda for the Evening:

5:45 – 6:30 PM

Report to the Cafeteria for your Spaghetti Dinner!
Dessert will follow: Your family will bake a recipe together to
create a special C3P0 Dessert!

6:35 – 7:20 PM

Report to the Circuit of STEM Challenges!
These are located in two different areas, depending on the
grade level of your students.

K-4 Students report to the 1st floor of the elementary
5-9 Students report to the 2nd / 3rd floors of the middle school

All rooms are marked.

Room locations and details are listed on the back.
If you have students from both grade groupings, either choose
one or visit both during your time.

7:25 PM

Return to the cafeteria for Door Prize Drawings!
Each challenge you complete, you'll put in an entry!

STEM WARS CIRCUIT OF CHALLENGES

You will receive a Door Prize Raffle Ticket for each challenge completed.

GRADES K-4

1A LUKE, LEIA, AND LEGOS (Room E108)

Practice your counting, addition, subtraction, and fraction skills with these challenges.

2A THESE *ARE* THE DROIDS YOU'RE LOOKING FOR (Room E109)

Explore with these robots, gears, and circuits!

3A BUILD YOUR OWN BOAT! (Room E110)

Jar Jar Binks needs a strong boat to sail over the Gungan's World to help the Jedi. Who can build the strongest boat to help him? Make your own test boat model out of aluminum foil and see how many pennies it can hold before sinking! Post your record to see which family's boat will be the winner!

4A YOUNGLING DICE & DOMINOES (Room E103)

Play dice and dominoes games to practice using your math force!

5A STAR WARS PATTERN BLOCKS (Room E104)

See how many challenge cards you can complete when you create Star Wars characters, starships, and light sabers with pattern blocks!

6A KASHYYYK CRITTERS (Room E105)

Learn about the habits and habitats of some slitherly creatures found in this Wookiee forest. (CAUTION: Mr. Frevola will have live snakes in this room)

GRADES 5-9

1B KESSEL RUN (MS 2nd Floor Hallway past Computer Labs)

Can you make this run in less than 12 parsecs like the Millennium Falcon? Get through this Math Scavenger Hunt challenge and post your family's record time. See which team claims the winning prize!

2B CODING BB-8 (Lab M211)

Earn your Master Coder certificate as you learn to write a program to animate the lovable BB-8.

3B PILOT PRACTICE (Room M311)

Do you have the perfect aim like Luke, Han, and Poe? Take your best shot at this math golf game to improve your equation-solving skills.

4B CLONE WARS CATAPULTS (Room M309)

Help the Jedi battle the pesky Clone Troopers by building your best catapult. Compete against other teams to see who can launch the farthest marshmallow missile.

5B MAKER SPACE GALAXY (Room M307)

Explore the gadgets and technology of SOAR's MakerSpace. Find out what a Makey Makey is. Play with the Cubelets and LittleBits. See the unveiling of our new 3D printer! Be like Rey and Finn and check out the new gadgets in this galaxy!

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