

# 2022 Traditional In-Person Space Requirements by Event - Division B



<b>Event</b>	<b>Room Type</b>	<b>Room Setup</b>	<b>Student Activity</b>	<b>Impound</b>	<b>Room Size</b>
<b>Anatomy &amp; Physiology</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Bio Process Lab</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Bridge</b>	Classroom or gym	Check-in table, testing in front of room, spectator seats in back	Students use bridge testing apparatus to test their device	No	800 - 1,200 square ft
<b>Codebusters</b>	Classroom	Groups of 3 students at desks	Students at desks	No	800 - 1,200 square ft
<b>Crave the Wave</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Crime Busters</b>	Lab	Lab tables	Students at lab tables	No	1,000 square ft
<b>Disease Detectives</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Dynamic Planet</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Electric Wright Stuff</b>	Gym	Check in table, open gym area, area for spectators	Students fly their devices in gym	No	At least 4,200 square ft, 20ft+ ceilings
<b>Experimental Design</b>	Classroom or lab	3 students at desks or lab tables	Students at desks	No	1,000 square ft
<b>Food Science</b>	Lab	Lab tables	Students at desks or rotate from station to station around the room	No	1,000 square feet
<b>Green Generation</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Meteorology</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Mission Possible</b>	Cafeteria, library, classroom with large tables or gym	Check-in table, either clear area on the floor or level table surface, spectator area	Students place their device either on the floor or on top of the table for testing	Yes for State Only - need to block off a square on the floor with tape that is at least 2'x2' for each device	Regionals: 1,000 sq ft State: 2,000 sq ft
<b>Mousetrap Vehicle</b>	Hallway or gym	Check-in table, long uninterrupted smooth surface, separate area for impound and spectators	Students place their device on the floor and run it for testing	Yes - need to block off a square on the floor with tape that is at least 2'x2' for each device	10 ft x 50 ft
<b>Ornithology</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Ping Pong Parachute</b>	Gym or stage	Check-in table, 10 ft x 10 ft area to launch device, area for spectators	Students launch their device	No	20 ft x 20 ft testing area, 20 ft+ ceilings
<b>Road Scholar</b>	Classroom or lab	Pairs of desks or lab tables - use tables if using large maps	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Rocks &amp; Minerals</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Solar System</b>	Classroom	Pairs of desks turned towards projector	Students at desks	No	800 - 1,200 square ft
<b>Sounds of Music</b>	2 adjacent classrooms	Pairs of desks in one room, chairs in other room	Students at desks taking exam in one room, pulled out to play their instruments in other room	No	800 - 1,200 square ft
<b>Storm the Castle</b>	Gym or foyer or stage	Check-in table, 10 ft x 10 ft area for device testing, area for spectators	Students test their device in an open area with higher ceilings	Yes - need to block off a square of the floor that is at least 3'x3' for each device	600 square ft
<b>Write It Do It</b>	2 adjacent classrooms	Desks in each classroom	One student from each team at a desk in each room	No	800 - 1,200 square ft

# 2022 Traditional In-Person Space Requirements by Event - Division C



<b>Event</b>	<b>Room Type</b>	<b>Room Setup</b>	<b>Student Activity</b>	<b>Impound</b>	<b>Room Size</b>
<b>Anatomy &amp; Physiology</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Astronomy</b>	Classroom	Pairs of desks positioned to all see a projector	Students at desks	No	800 - 1,200 square ft
<b>Bridge</b>	Classroom or gym	Check-in table, testing in front of room, spectator seats in back	Students use bridge testing apparatus to test their device	No	800 - 1,200 square ft
<b>Cell Biology</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Chem Lab</b>	Lab	Lab tables	Students at lab tables	No	1,000 square ft
<b>Codebusters</b>	Classroom	Groups of 3 students at desks	Students at desks	No	800 - 1,200 square ft
<b>Detector Building</b>	Lab	Lab tables	Students at lab tables and called over to testing area	No	1,000 square ft
<b>Disease Detectives</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Dynamic Planet</b>	Classroom	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Environmental Chem</b>	Classroom or lab	Lab tables	Students at lab tables	No	800 - 1,200 square ft
<b>Experimental Design</b>	Classroom or lab	3 students at desks or lab tables	Students at desks	No	1,000 square ft
<b>Forensics</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Gravity Vehicle</b>	Hallway or gym	Check-in table, long uninterrupted smooth surface, separate area for impound and spectators	Students place their device on the ramp and run it for testing	Yes - need to block off a square on the floor with tape that is at least 2'x2' for each device	10 ft x 50 ft
<b>Green Generation</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>It's About Time</b>	Lab	Lab tables	Students at desks or lab tables and called over to testing area	Yes- need to block off a square on the floor with tape that is at least 3'x3' for each device	800 - 1,200 square ft
<b>Ornithology</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Ping Pong Parachute</b>	Gym or stage	Check-in table, 10 ft x 10 ft area to launch device, area for spectators	Students launch their device	No	20 ft x 20 ft testing area, 20 ft+ ceilings
<b>Remote Sensing</b>	Classroom or lab	Pairs of desks or lab tables - use tables if using large maps	Students at desks or rotate from station to station around the room	No	800 - 1,200 square ft
<b>Rocks &amp; Minerals</b>	Classroom or lab	Pairs of desks or lab tables	Students at desks or rate from station to station around the room	No	800 - 1,200 square ft
<b>Trajectory</b>	Gym or foyer or stage	Check-in table, 10 ft x 10 ft area for device testing, area for spectators	Students test their device in an open area with higher ceilings	Yes - need to block off a square of the floor that is at least 3'x3' for each device	600 square ft
<b>Wifi Lab</b>	Lab	Lab tables	Students at lab tables and called over to device testing area	No	800 - 1,200 square ft
<b>Wright Stuff</b>	Gym	Check-in table, open gym area, area for spectators	Students fly their devices in gym	No	At least 4,200 square ft, 20ft+ ceilings
<b>Write It Do It</b>	2 adjacent classrooms	Desks in each classroom	One student from each team at a desk in each room	No	800 - 1,200 square ft