



January 28, 2022

**NEWS RELEASE**  
**2021 Middle Mathematical Contest in Modeling**

The Consortium for Mathematics and its Applications (COMAP) is pleased to announce the results of the 2021 Middle Mathematical Contest in Modeling (MidMCM). A total of 54 middle school/level teams, with up to 4 students each, representing 36 schools and 4 countries/regions, competed. All teams worked within the contest window of November 3-16, 2021. The MidMCM “Dog Park Problem” required teams to design a dog park as well as determine the materials and budget needed to build the park.

**Outstanding Teams**

11791 Chongqing BI Academy, Chongqing, China  
12263 Campbell County Middle School, KY, USA (NCTM Winner)

**2021 MidMCM Statistics**

<b>Problem</b>	<b>Outstanding</b>	<b>%</b>	<b>Finalist</b>	<b>%</b>	<b>Meritorious</b>	<b>%</b>	<b>Honorable Mention</b>	<b>%</b>	<b>Successful Participant</b>	<b>%</b>	<b>Total</b>
<b>C</b>	2	4%	4	7%	7	13%	16	30%	25	46%	<b>54</b>

COMAP commends schools for their efforts. The judges were impressed with all the teams’ creativity and ingenuity in mathematical modeling, and in their ability to explain their strategies and problem-solving techniques in clear terms. Each participant is a true winner. A complete Results Report, listing all teams by designation, can be found at [www.midmcm.com](http://www.midmcm.com). For additional contest information, contact COMAP at [midmcm@comap.com](mailto:midmcm@comap.com).

*MidMCM is made possible by COMAP, Inc. Additional support is provided by The Institute for Operations Research and the Management Sciences (INFORMS), The Mathematical Association of America (MAA), and The National Council of Teachers of Mathematics (NCTM). The Contest Director is Kathleen Snook, COMAP Inc.*

**2021**  
**Middle Mathematical Contest in Modeling (MidMCM) Results**

<u>Ctrl#</u>	<u>Problem</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Location</u>	<u>Location</u>
<b><u>Outstanding</u></b>							
11791	C	Outstanding	Chongqing BI Academy	Kaiyao Duan	Chongqing	Chongqing	China
12263	C	Outstanding	NCTM Winner Campbell County Middle School	Funda Gonulates	Highland Heights	KY	USA
<b><u>Finalist</u></b>							
11532	C	Finalist	Shanghai World Foreign Language Academy	FU, ZHAO	Shanghai	Shanghai	China
11562	C	Finalist	Shanghai Linsitute School	Haihua Wang	ShangHai	ShangHai	China
11866	C	Finalist	Shanghai World Foreign Language Middle School	Qiuyu Chen	Shanghai	Shanghai	China
12131	C	Finalist	BASIS International School Guangzhou	King Wun Vincent Leung	Guangzhou	Guangdong	China
<b><u>Meritorious</u></b>							
11639	C	Meritorious	BEIJING 101 MIDDLE SCHOOL	Zhongxu Xie	BEIJING	Beijing	China
11896	C	Meritorious	The Grauer School	Peter Mannisto	Encinitas	CA	USA
12000	C	Meritorious	Basis International School Guangzhou	Amelia Leng	Guangzhou	GD	China
12016	C	Meritorious	PEKING UNIVERSITY	LIGUANGYU	BEIJING	Beijing	China
12316	C	Meritorious	PEKING UNIVERSITY	JIANG Lei	Beijing	Beijing	China
12361	C	Meritorious	Philippine Science High School Main Campus	Fortunato A. Tacuboy III	Quezon City	Metro Manila	Philippines
12405	C	Meritorious	BEIJING 101 MIDDLE SCHOOL	Zhongxu Xie	BEIJING	Beijing	China
<b><u>Honorable Mention</u></b>							
11526	C	Honorable Mention	Fay school	Janet Drake	Southborough	MA	USA
11531	C	Honorable Mention					China

**2021**  
**Middle Mathematical Contest in Modeling (MidMCM) Results**

<u>Ctrl#</u>	<u>Problem</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Location</u>	<u>Location</u>
11934	C	Honorable Mention	Shanghai Pinghe School	Zhang Qi	Shanghai	Shanghai	China
11941	C	Honorable Mention	Dehong Shanghai International Chinese School	Yuan Sui	Shanghai	Shanghai	China
11987	C	Honorable Mention	PEKING UNIVERSITY	LIGUANGYU	BEIJING	Beijing	China
11988	C	Honorable Mention	PEKING UNIVERSITY	LIGUANGYU	BEIJING	Beijing	China
12020	C	Honorable Mention	Buchholz High School	Ziwei Lu	Gainesville	FL	USA
12040	C	Honorable Mention	Suzhou Science & Technology Town Foreign Language High	Ping JIA	Suzhou	Jiangsu	China
12103	C	Honorable Mention	Shanghai Xinzhong Junior Middle School	Mingjun Li	Shanghai	Shanghai	China
12279	C	Honorable Mention	Lake Highland Preparatory School	Margarita Azbel	Orlando	FL	USA
12315	C	Honorable Mention	PEKING UNIVERSITY	JIANG Lei	BEIJING	Beijing	China
12324	C	Honorable Mention	Wekaplan Consulting Firm	Sharon Chu	Storrs Mansfield	CT	USA
12336	C	Honorable Mention	Whittle School, SHenzhen	Xianglei Yuan	Shenzhen	Guangdong	China
12343	C	Honorable Mention		Qinhan			China
12387	C	Honorable Mention	Tomken Road Middle School	Felix WU	Mississauga	Ontario	Canada
12416	C	Honorable Mention	Whittle School, Shenzhen Campus	Jing Du	Shenzhen	Guangdong	China
<b><u>Successful Participant</u></b>							
11522	C	Successful Participant	Shanghai World Foreign Language Academy	SHAN XIAO YU	SHANGHAI	SH	China
11533	C	Successful Participant	Shanghai World Foreign Language Academy	FU, ZHAO	Shanghai	Shanghai	China
11550	C	Successful Participant	Shanghai Linsitute School	Haihua Wang	ShangHai	ShangHai	China

**2021**  
**Middle Mathematical Contest in Modeling (MidMCM) Results**

<u>Ctrl#</u>	<u>Problem</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Location</u>	<u>Location</u>
11802	C	Successful Participant	Junior Middle School Affiliated to No.2 High School of East	Wenfeng Tang	Shanghai	Shanghai	China
11812	C	Successful Participant	The New School of Northern Virginia	Eden Costagliola	Fairfax	VA	USA
11892	C	Successful Participant	Seabury School	David Muller	Tacoma	WA	USA
11893	C	Successful Participant	Seabury School	David Muller	Tacoma	WA	USA
11933	C	Successful Participant	Shanghai Pinghe School	Zhang Qi	Shanghai	Shanghai	China
12017	C	Successful Participant	Indian mountain School	Colleen O'Reilly	Lakeville	CT	USA
12035	C	Successful Participant	Shanghai Huaer Collegiate School Kunshan	Yi Guo	Suzhou	Jiangsu	China
12036	C	Successful Participant	Shanghai Huaer Collegiate School Kunshan	Yi Guo	Suzhou	Jiangsu	China
12037	C	Successful Participant	Shanghai Huaer Collegiate School Kunshan	Yi Guo	Suzhou	Jiangsu	China
12038	C	Successful Participant	Shanghai Huaer Collegiate School Kunshan	Yi Guo	Suzhou	Jiangsu	China
12039	C	Successful Participant	Shanghai Huaer Collegiate School Kunshan	Yi Guo	Suzhou	Jiangsu	China
12054	C	Successful Participant	The Middle school attached to University of Science and	Xin Dai	He Fei	Anhui Province	China
12214	C	Successful Participant		QinHan			China
12293	C	Successful Participant	Benjamin Tasker MS	Evelyn Policarpio	Bowie	MD	USA
12313	C	Successful Participant	ORLANDO GIFTED ACADEMY	Christina Gutierrez	ORLANDO	FL	USA
12325	C	Successful Participant	Orlando Science Schools	Amy Trujillo	Orlando	FL	USA
12326	C	Successful Participant	Orlando Science Schools	Amy Trujillo	Orlando	FL	USA
12362	C	Successful Participant	Philippine Science High School Main Campus	Fortunato A. Tacuboy III	Quezon City	Metro Manila	Philippines

2021

Middle Mathematical Contest in Modeling (MidMCM) Results

<u>Ctrl #</u>	<u>Problem</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Location</u>	<u>Location</u>
12363	C	Successful Participant	Philippine Science High School Main Campus	Fortunato A. Tacuboy III	Quezon City	Metro Manila	Philippines
12369	C	Successful Participant	Timothy Christian School	Tara Leahy	Piscataway	NJ	USA
12386	C	Successful Participant	Hunter College High School	Sebastian Stoenescu	New York	NY	USA
12413	C	Successful Participant	Greenacres Middle School	Christy Clark	Bossier City	LA	USA