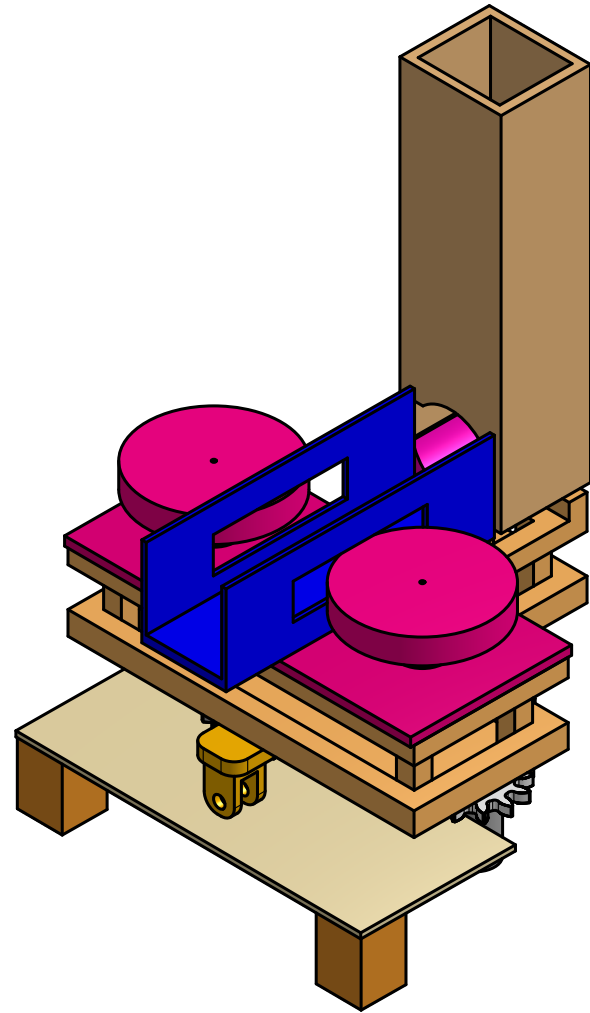


# Ping Pong Ball Launcher

Part C

**Mahir Arora**

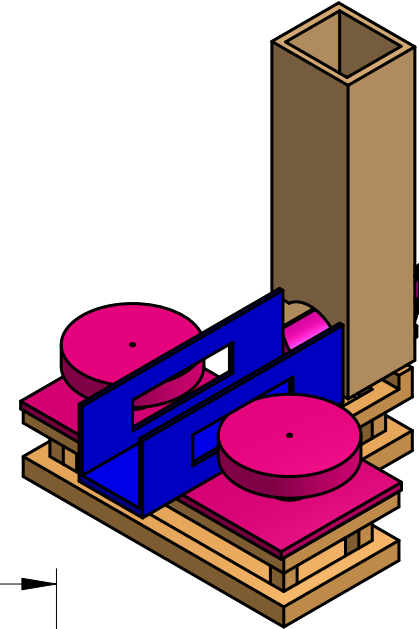
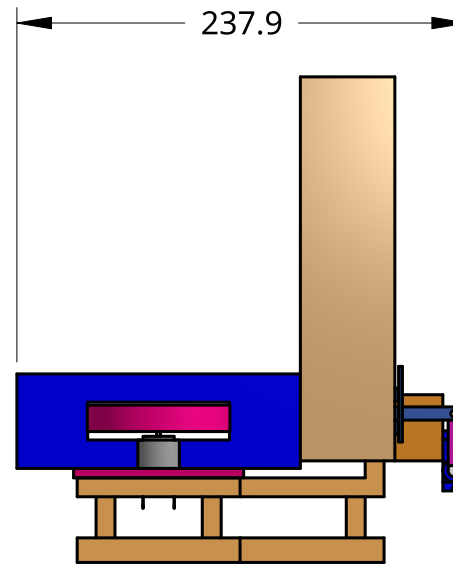
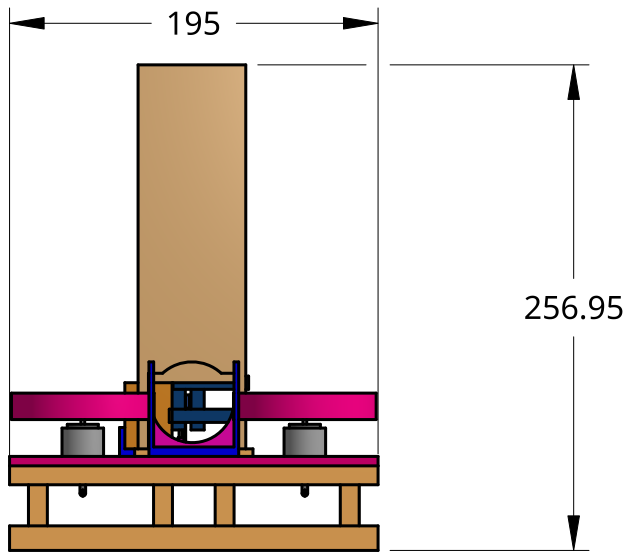
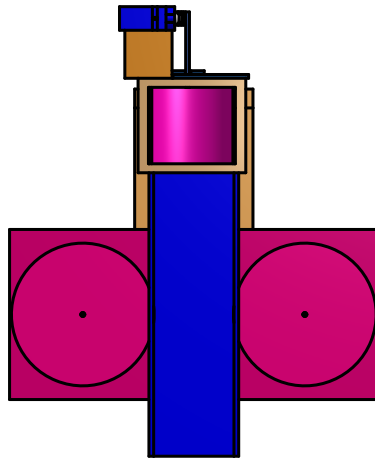
TDJ4MI  
Mr. Cox



**BLUEVALE COLLEGIATE INSTITUTE**

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

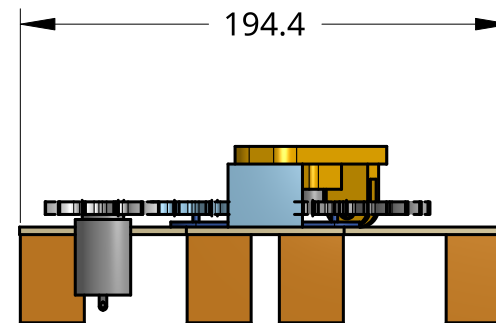
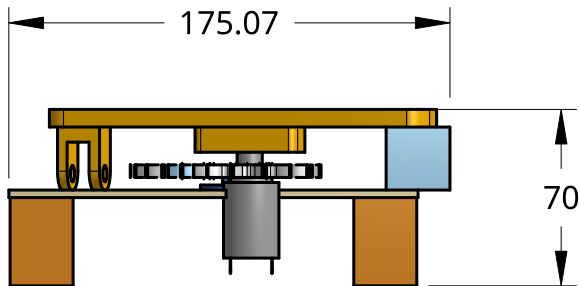
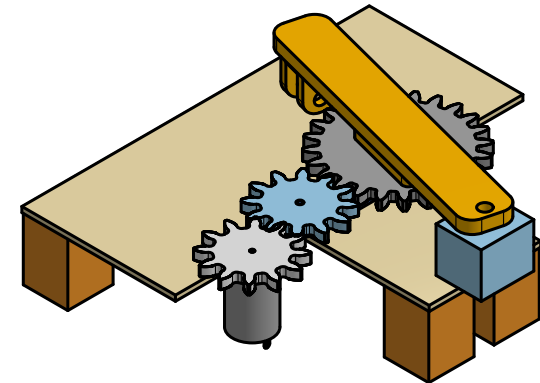
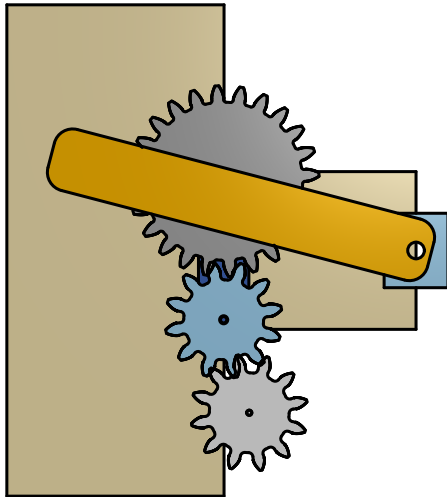
TITLE:	Ping Pong Ball Launcher	SCALE:	1:3	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/24/2025	SHEET NO:	1



# BLUEVALE COLLEGIATE INSTITUTE

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

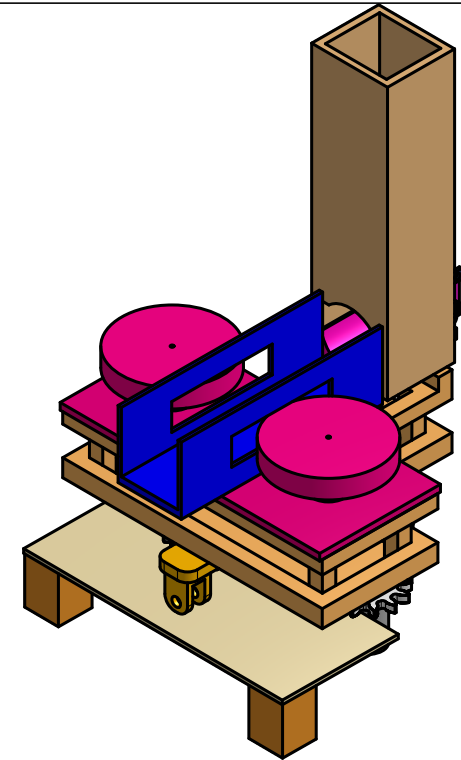
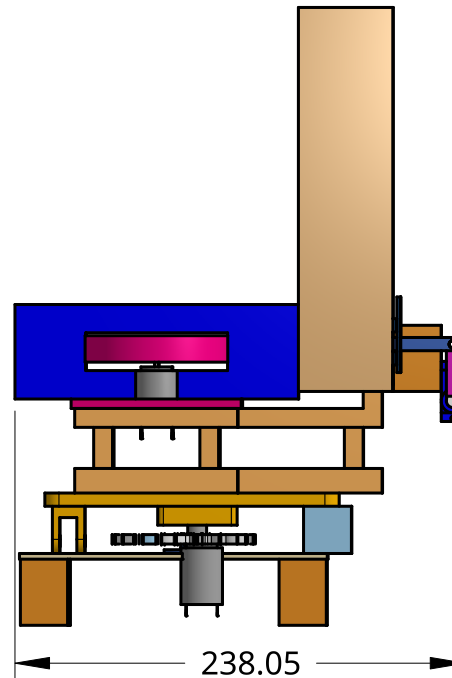
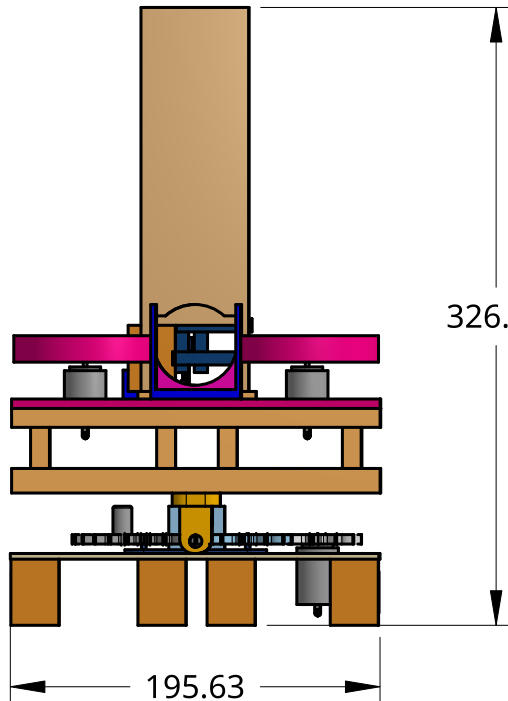
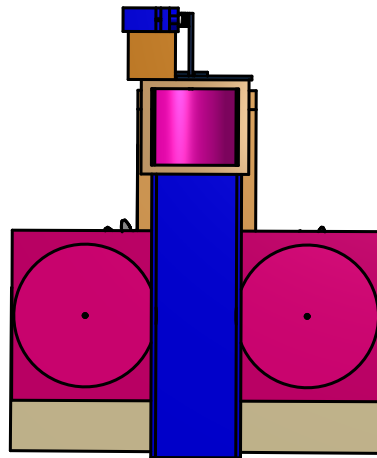
TITLE:	Launcher	SCALE:	1:4	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/22/2025	SHEET NO:	1



# BLUEVALE COLLEGIATE INSTITUTE

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

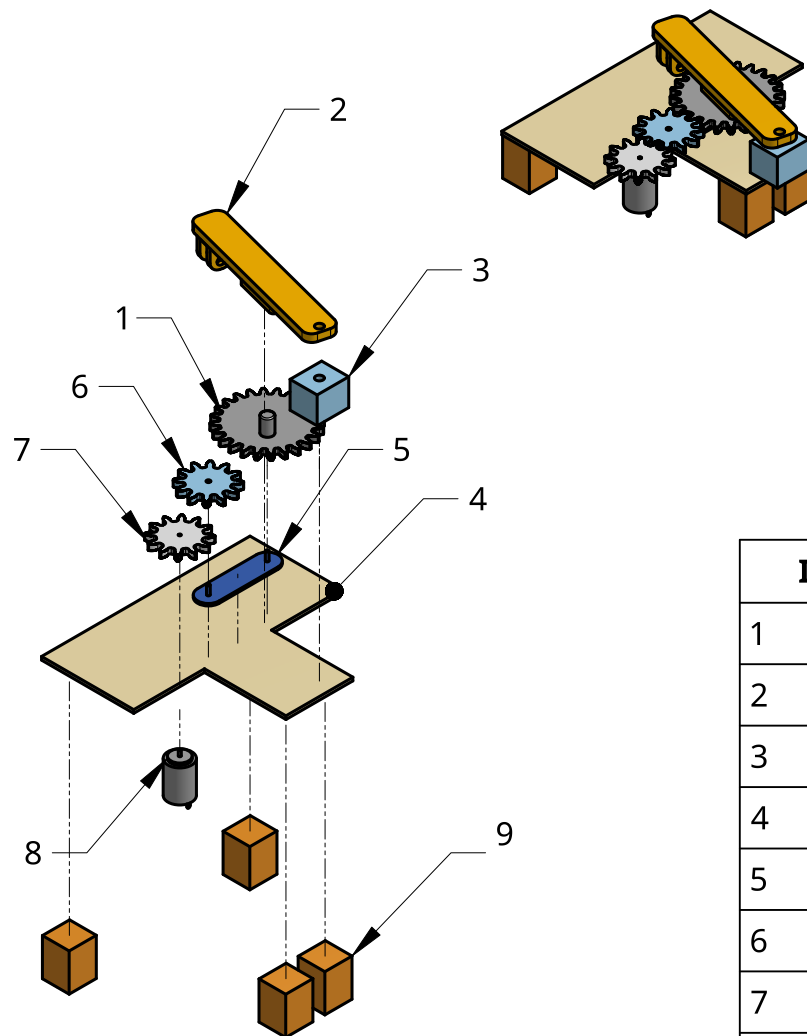
TITLE:	GEAR ANGLE MECHANISM	SCALE:	1:3	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/22/2025	SHEET NO:	1



# BLUEVALE COLLEGIATE INSTITUTE

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

TITLE:	Entire Launcher	SCALE:	1:4	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/22/2025	SHEET NO:	1



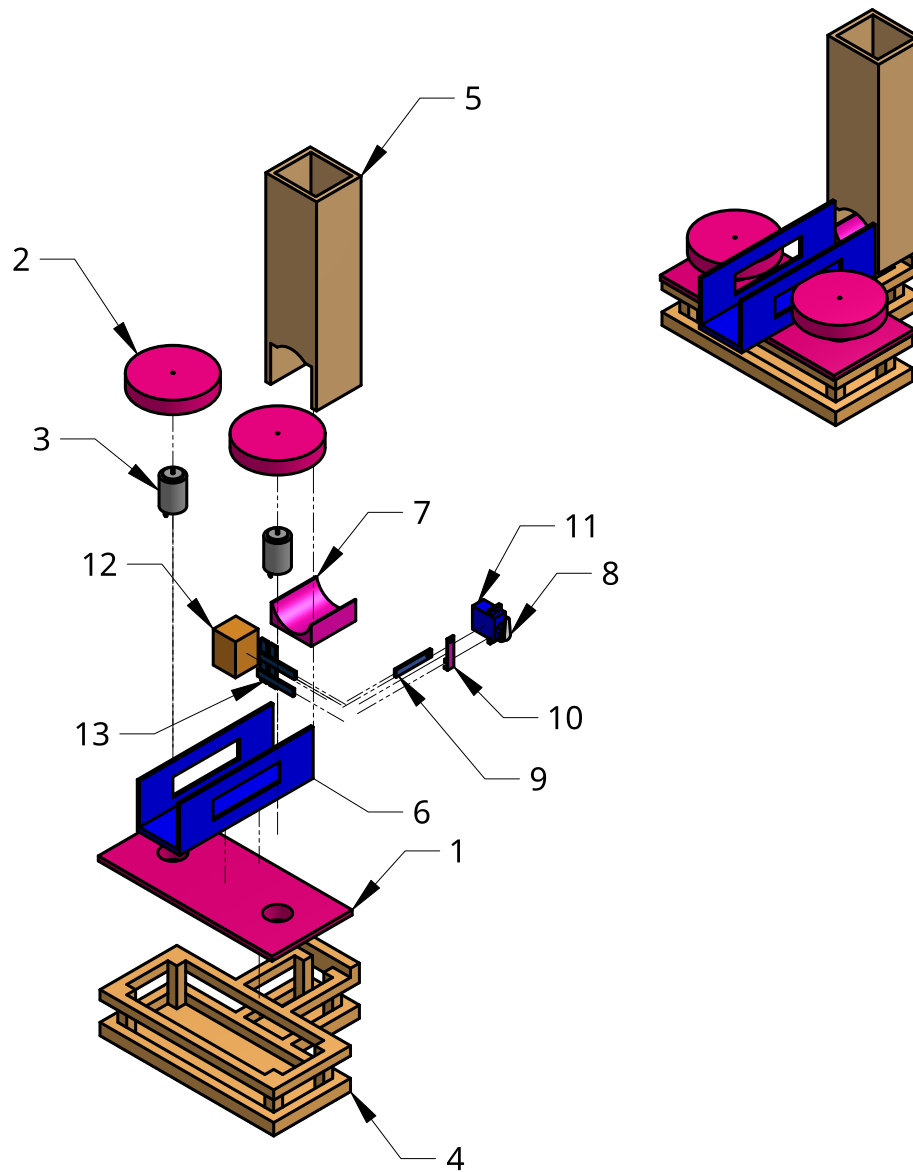
Item	Quantity	Name
1	1	Spur gear (24 teeth)
2	1	Angle Slider
3	1	Block
4	1	Base For Slider
5	1	Gear Holder
6	1	Spur gear (12 teeth)
7	1	Spur gear for Motor (12 teeth)
8	1	Motor
9	4	Block



# BLUEVALE COLLEGIATE INSTITUTE

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

TITLE:	GEAR ANGLE MECHANISM	SCALE:	1:5	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/22/2025	SHEET NO:	1



Item	Quantity	Name
1	1	Motor Holder
2	2	Wheels
3	2	Motor
4	1	Base
5	1	Ball Drop
6	1	Firing Chamber
7	1	Ball Roll
8	1	Servo Arm
9	1	Push Stick
10	1	Servo Arm Extend
11	1	Servo
12	1	Block
13	4	Push Stick Guard



# BLUEVALE COLLEGIATE INSTITUTE

80 BLUEVALE ST. N. WATERLOO, ON N2J 3R5

TITLE:	LAUNCHER	SCALE:	1:6	SHEET SIZE:	A
DRAWN BY:	MAHIR ARORA	DATE:	01/22/2025	SHEET NO:	1