

Robot: MARVIN

drive: 6WD 2-speed High Traction

Scoring: High Shooter

Reloading: Pickup

Cannot side-step

Can pick up balls from floor by running over

Can move quickly (12 ft/s)

Can push when moving in low gear (7 ft/s)

Can climb ramp in low gear

Can push robots up ramp in low gear

High drive accuracy in low gear

Limited accuracy in high gear

Other robots cannot easily deflect

Holds 8 balls

Shooter high on robot

Autonomous - straight 6 ft - stop - shoot

Robot: Robby

drive: 6WD 1-speed High Traction Center w/ Omnis

Scoring: High Shooter

Reloading: Top Loader

Cannot side-step

Cannot pick up balls

Moderate speed (9 ft/s)

Can push other robots

Can climb ramp

Can push robots up ramp

High drive accuracy

Easily deflected

Carries 12 balls

Shooter low on robot

Autonomous - straight 4 - 6 - 8 ft - aim - shoot

Robot: Gigantor

drive: 6WD 2-speed High Traction

Scoring: Dumper

Reloading: Pickup

Cannot side-step

Can pick up balls from floor by running over

Can move quickly (13 ft/s)

Can push when moving in low gear (8 ft/s)

Can climb ramp in low gear

Can push robots up ramp in low gear

Adequate stop-turn-go steering in low gear

Poor steering in high gear

Goes straight very accurately

Solid Autonomous routine (100%)

Stores 14 balls

Robot: Astroboy

drive: 4WD Independent Pivot (High Traction)

Scoring: High Shooter

Reloading: Pickup

Can side-step - Crab - Snake - Twist

Can pick up balls from floor by running over

Moderate Speed (10 ft/s)

Can push other robots (ex *Marvin* & **Gigantor**)

Can climb ramp

Can push robots up ramp

High drive accuracy & agility

Holds 10 balls

Shooter low in robot

Autonomous - Forward 6 ft - aim robot -
shoot

ROBOT: ELECTRO

DIRVE: 4WD MECANUM

SCORING: DUMPER

RELOADING: TOP LOAD

CAN SIDE-STEP - 2D DRIVE

CANNOT PICK UP BALLS FROM FLOOR

DEPLOYS FUNNEL FOR TOP LOADING

MODERATE SPEED (9 FT/S)

CANNOT PUSH OTHER ROBOTS VERY EFFECTIVELY

CAN CLIMB RAMP

CANNOT PUSH ROBOTS UP RAMP

HIGH DRIVE ACCURACY

HIGH DRIVE AGILITY

HOLDS 16 BALLS

RELIABLE AUTONOMOUS (80%)

Robot: Bishop

drive: 4WD Independent Pivot

Scoring: Dumper

Reloading: Pickup

Can side-step - crab - snake - twist

Can pick up balls from floor by running over fwd

Moderate speed (10 ft/s)

Can push robots (ex *Marvin* & **Gigantor**)

Can climb ramp

Can push robots up ramp

High drive accuracy & agility

Capacity 12 balls

Good autonomous (70%)

Robot: Sunflower

drive: 4WD 2-D Onmidrive

Scoring: High Shooter

Reloading: Top Loader

Can side-step - 2-d Drive

Cannot pick up balls from floor

Moderate speed (9 ft/s)

Cannot push robots

Cannot climb ramps

High drive accuracy & agility

Shooter low on robot

10 ball capacity

ROBOT: DEWBOT

DIRVE: 4WD INDEPENDENT PIVOT (HIGH TRACTION)

SCORING: HIGH SHOOTER & DUMPER FUSION

RELOADING: PICKUP

CAN SIDE-STEP - CRAB - SNAKE - TWIST

**CAN PICK UP BALLS FROM FLOOR BY RUNNING
OVER**

MODERATE SPEED (10 FT/S)

CAN PUSH OTHER ROBOTS (EX *Marvin* & *Gigantor*)

CAN CLIMB RAMP

CAN PUSH ROBOTS UP RAMP

HIGH DRIVE ACCURACY & AGILITY

HOLDS 10 BALLS

SHOOTER HIGH IN ROBOT

**AUTOMOMOUS - MULTIMODE - FORWARD 6 FT - AIM
ROBOT - SHOOT OR RUN TO DUMP BALLS IN GOAL OR
DEFENSE**