



TCEA Mindstorms Robotics Challenge 2018-2019

On the Factory Floor

Intermediate Score Sheet

Team Name _____

Round # _____

Table # _____

Judge Name _____

Total points _____ (520 max)

1.5.1 Take the trash to the trash compactor

(LEGO must be in or on the Dixie cup)

Yes +50

Points _____

No +0

(+50 points max)

1.5.2 Recycle the bin that part 2 comes in

(bin being completely in the recycling area for 3 seconds)

Yes +50

Points _____

No -0

(+50 points max)

1.5.3 Create toys

(toys must have 3 parts and be built the **SAME**;

Orientation does not matter, just that the parts are touching in the same order)

Each +20

Points _____

No -0

(+100 points max)

1.5.3 Move the third bin

(Moved the bin (PVC with red tape) containing the straws)

Yes -30

Points _____

No -0

(-30 points min)

1.5.4 Move completed toys to loading dock

(Toys must be on an oval and maintain the same design as in 1.5.3)

Each +20

Points _____

No +0

(+100 points max)

1.5.5 Move partial toys to loading dock

(Every oval that has a toy part on it; not completed toys)

Each oval +5

Points _____

No +0

(+50 points max)

2.2 Touch Penalties

(-10 points per touch recovery)



Points _____

(-100 points max)

If the team does not have a Bill of Materials (BOM), no points awarded below this line.

2.3.3 and 4.1.7 BOM Provided

Yes +100

Points _____

No +0

(+100 points max)

1.5.6 Finish the shift in the Robot Maintenance Station

(must break the plane;

must be off the mat higher than a Dixie cup)

Not in RMS +0

Points _____

in RMS +10

(+10 points max)

Dixie cup fits under +10

(+10 points max)

This task is scorable for competition rounds 2 and 3 only.

1.5.7 Mystery Task

(must be attempted before any other task)

Not attempted -30

Points _____

Attempted but not successful +0

(+50 points max)

Attempted and successful +50

Rev 4

Judge's Initials _____

Team Captain's Initials _____