



TCEA Mindstorms Robotics Challenge 2019-2020

Bees, Bots and Beyond!

Advanced Score Sheet

Team Name _____

Round # _____ Table # _____

Judge Name _____

Total points _____ (570 max)

1.5.1 Take nectar to the outside four frames

(red checker must be touching one of the outer 4 ovals)



Each +10 Points _____
No +0 (+100 points max)

1.5.2 Take pollen to the 3rd or 8th frames

(black checker must be touching either the 3rd or 8th oval)



Each +20 Points _____
No -0 (+200 points max)

1.5.3 Place the Queen

(Queen must be touching one of the center 4 ovals)

Yes +30 Points _____
No -0 (+30 points max)

1.5.3 Disturb brood

(Moved any PVC coupler)

Yes -20 Points _____
No -0 (-20 points max)

1.5.4 Move water in to the hive

(Cotton ball must touch any oval and Dixie cup remains undisturbed)



Each +40 Points _____
No +0 (+80 points max)

2.2 Touch Penalties

(-10 points per touch recovery)



Each -10 Points _____
No +0 (-100 points max)

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

2.3.3 and 4.1.7 BOM Provided

Yes +100 Points _____
No +0 (+100 points max)

1.5.5 Park the robotic honey bee in the Honey House

(Cannot touch frame; must break the plane)

In HH +10 Points _____
Not in HH +0 (+10 points max)

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

1.5.6 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