

## FAQ Answers

This is a list of important FAQ answers from the 6 FTC Game Rule Forums.

The link for the Game Rule Forums is below:

<https://ftcforum.usfirst.org/forum/i-first-i-tech-challenge-game-q-and-a-forum-this-is-a-moderated-forum/first-relic-recovery-presented-by-qualcomm-game-q-a-forum/game-rules-aa/answers-game-rules-aa>

Information last updated 9/27/17 at 6:49pm

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### Pre-Match

No official answers at this time.

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### Autonomous

*Originally posted by **FTC11115***

**Question:** During the Autonomous period, may the robot pick up glyphs from the glyph pit (without crossing over the opponents line) and score them in the cryptobox?

**Answer:** Yes.

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*Originally posted by **FTC12841***

**Question:** If a robot's drive-base is not within the Safe zone tape, but its arm is overhanging through the infinitely vertical plane that outlines the Zone, does the robot count as scored, or does the wheels of the drive base need to be within the zone?

**Answer:** The requirement for Robot Parking Scoring is for the Robot to be Parked In a Safe Zone. Applying the Game Manual Part 2 section 1.4 definition of "In" to the description of "Robot Parking" in section 1.5.2. reveals that ten points are awarded for being In the Safe Zone if any portion of a Parked Robot extends into the Safe Zone Area boundary. Therefore, it is not a requirement for the wheels of the drive base to be within the Safe Zone; any portion of the Robot inside the Save Zone qualifies the Robot to Score the Robot Parking achievement.

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*Originally posted by **FTC2818***

**Question:** The wording of the Cryptobox Key scoring description leaves a little wiggle room, and I'd love a clarification. The manual states:

*"If the first Glyph Scored into a Cryptobox is placed in the correct Cryptobox Key Column (at any height), it earns a thirty (30) point bonus in addition to the fifteen (15) points earned for loading the Glyph into the Cryptobox."*

I'm not sure if this means...

the first Glyph Scored into **any** Cryptobox

or

the first Glyph Scored into **each** Cryptobox

The former means that only one bonus is possible, but the latter means that two bonuses are possible. What is the correct interpretation?

**Answer:** Two Cryptobox Scoring achievements are possible for an Alliance; one opportunity for each Cryptobox. The first Glyph Scored into each Cryptobox is eligible to earn the Cryptobox Key achievement points.

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## Driver Controlled

No important official answers at this time.

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## End Game

*Originally posted by **FTC13284***

**Question:** According to <GS16> "Relics may not be propelled with any noticeable force (i.e. shooting, launching, flicking, etc.)."

Is it legal for the Relic to be scored by sliding down a ramp which is part of the robot? The propelling force is gravity, but the ramp applies a normal force to the Relic which is what moves it horizontally to the Recovery Zone.

**Answer:** The Game Design Committee rules that the action described in the question satisfies the spirit of rule <GS16>. A Robot may use a passive ramp to deploy a Relic into a Recovery Zone.

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*Originally posted by **FTC13284***

#### RULES FOR REFERENCE:

Section 1.5.4>1.>a.: "Relics In Zone 1 earn ten (10) points, In Zone 2 earn twenty (20) points, In Zone 3 earn forty (40) points. ... If a Relic is touching two (2) Zones, points will be awarded for the higher value Zone."

<G23> "Robots or Scoring Elements that are In two or more Scoring Areas earn points only for the highest value achievement."

H-2 Caption: "Even though the Relic is not touching the Mat inside of the black border, the Blue Relic still scores because it has broken the infinitely [tall] vertical plane that defines the Zone and is therefore considered to be In the Zone."

**Question:** There appears to be a conflict (or omission) between 1.5.4>1.>a., <G23>, and the caption of H-2. Specifically, I think that the last sentence of Rule 1.5.4>1.>a. should read "If a Relic is In two (2) Zones..."

**Answer:** You are correct. The wording of the last sentence in section 1.5.4 achievement "1", provision "a" should be: "If a Relic is In two (2) Zones, points will be awarded for the higher value Zone."

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#### Game Play - All Match Periods

*Originally posted by **FTC12841***

**Question:** If Glyphs are scored into the Cryptobox, but not Completely in, would pushing against the stack of scored glyphs for re-alignment be classified as controlling more than 2?

**Answer:** The robot action described in the question is allowed. Pushing against Scored Glyphs does not count towards the Glyph Control/Possession limit described in rule <GS3>. Rule <GS3> does apply to Glyphs in the stack that have not been Scored.

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*Originally posted by **FTC13127***

**Question:** Is it possible to do my alliance partner's objectives? For example, can a robot do their alliance partner's cryptobox key, or put glyphs into their cryptobox?

**Answer:** Yes, Alliance specific Game Elements (Cryptoboxes, Jewel Sets, Relics, Safe Zones, Balancing Stones, and the Relic Recovery Zone) are shared between the two Teams on an Alliance. Robots are allowed to perform Scoring tasks using any of their Alliance's game elements.

**Game Design Committee Hint:** Before Drive Teams and their Robots enter the queue for a Match, Alliance Partner Teams should work together and agree to a game strategy, Robot placement on the Balancing Stones, etc.

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## Scoring

No official answers at this time.

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