

Considering Competitive Robotics???

Quarkmine can help you understand the options and pick what is best for your family's need.

Discovery

A great starting point for any student or family that is interested in learning more about robotics

Challenge

A relaxed and casual introduction to competition

Competition

Test your skills against the best! A wide variety of teams will choose this pathway.

Sometimes teams will win. Other times, teams will lose. But always, teams will learn to get up again and learn from the experience!

| <u>Discovery</u> | <u>Challenge</u> | <u>Competition</u> |
|---|---|---|
| <ul style="list-style-type: none"> ● Low Commitment <ul style="list-style-type: none"> ○ 1hr - 1 week ● Increase STEM Skills ● High Engagement ● High Excitement ● Project Based Environment | <ul style="list-style-type: none"> ● Medium Commitment <ul style="list-style-type: none"> ○ 3 - 6 weeks ● Increase STEM Skills ● High Engagement ● High Excitement ● Project Based Environment ● Teamwork ● Collaboration ● Design Process Focus ● Scientific Method Focus | <ul style="list-style-type: none"> ● High Commitment <ul style="list-style-type: none"> ○ 2 - 8 months ● Increase STEM Skills ● High Engagement ● High Excitement ● Project Based Environment ● Teamwork ● Collaboration ● Design Process Focus ● Scientific Method Focus ● Communication / Presentation Skills ● STEM Skill Refinement ● Skill Specialization ● Pursuit of Excellence |
| Activities to try... | | |
| <ul style="list-style-type: none"> ● School Assembly ● Classes & Workshops | <ul style="list-style-type: none"> ● Sign Up for a Challenge <ul style="list-style-type: none"> ○ VEX IQ Challenge ● Join a School Team <ul style="list-style-type: none"> ○ Robotic Leagues ○ Local Scrimmages ○ In-School Challenges | <ul style="list-style-type: none"> ● Join a School or Regional Team <ul style="list-style-type: none"> ○ Regional Tournaments ○ State Championships ○ World Championships |