

Conversation starters cheat sheet

Use these conversation starters to learn more about what your young innovator is up to in the *FIRST* Tech Challenge UK programme and impress them with your knowledge!

Ask about their role within the team and what they've been working on. There are up to 14 roles in a team, here's a handy breakdown:

- **Drivetrain Engineer** – Leads other team members in building the drivetrain and other electronics needed to operate the robot
- **Project Manager** – Coordinates all aspects of the team and leads group discussions with the finished product in mind
- **Data Officer** – Records and gathers evidence of progress and learning for the Engineering Portfolio
- **Inventory Manager** – Orders, receives, and counts materials and products for the team, developing a thorough knowledge of the uses of their inventory
- **CAD Technician** – Uses Computer Aided Design, or similar software, to design, develop and iterate the robot
- **Financial Officer** – Develops and maintains a budget, and ensures the team's expenses do not exceed allocations
- **Electrical Engineer** – Develops and maintains all the electronics needed to operate the robot
- **Strategy Officer** – Decides on the best possible strategy for the robot using a thorough game analysis

- **Manipulation Engineer** – Targets challenges in the game and organises other team members to create solutions
- **Communications Officer** – Create, maintains and supports the team’s online presence and creates digital team media
- **Software Engineer** – Develops and maintains the code needed to operate the robot
- **Health and Safety Manager** – Develops and promotes safe practices and habits in all phases of the season
- **Graphic Designer** – Produces sponsor deals for the robot, designs team apparel and works on publicity materials
- **Outreach Officer** – Coordinates community outreach for the team, including the assembly and presentation of the Inspire Award

Ask them to share three things they’re most enjoying about taking part

- Teams often share they most enjoy working with a new group of people, getting to know other teams, solving problems and developing new skills, maybe you have an engineer in the making!

This year’s game theme is called CENTERSTAGE, you could ask them to walk you through the game, the rules and how their team plans to score points

- Take a look at the game reveal on our events page

There are loads of tips, conversation starters and easy wins to get more involved that we’ll be sharing in the new year. Sign the pledge and opt in to updates to get more parent-friendly suggestions once a month.

MoreThanRobots.UK/parent-pledge

