**Design specification cards**

In **Round 1, e**ach team will receive the following specifications:

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| ***Team 1 –***  You should build an automobile with the following characteristics:  R1   1. *Large capacity:* Design your car so that it can hold enough cargo/passengers 2. *Aerodynamic:* Design your care so that it is sleek |

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| ***Team 2 –***  You should build an automobile with the following characteristics:  R1   1. *Lightweight:* Design your car so that it does not physically weight a lot 2. Safe/sturdy*:* Design your car so that it will perform well in a crash test |

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| ***Team 3 –***  You should build an automobile with the following characteristics:  R1   1. *Aesthetically pleasing:* Design your card so that it is attractive 2. *Extra Features:* Design your car so that it has exciting and innovative extra features |

In **Round 2, e**ach team will receive the following specifications:

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| ***Team 1 –***  You should build an automobile with the following characteristics:  R2   1. *Large capacity:* Design your car so that it can hold enough cargo/passengers 2. *Aerodynamic:* Design your care so that it is sleek 3. *Lightweight:* Design your car so that it does not physically weight a lot 4. Safe/sturdy*:* Design your car so that it will perform well in a crash test |

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| ***Team 2 –***  You should build an automobile with the following characteristics:  R2   1. *Lightweight:* Design your car so that it does not physically weight a lot 2. Safe/sturdy*:* Design your car so that it will perform well in a crash test 3. *Aesthetically pleasing:* Design your card so that it is attractive 4. *Extra Features:* Design your car so that it has exciting and innovative extra features |

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| ***Team 3 –***  You should build an automobile with the following characteristics:  R2   1. *Aesthetically pleasing:* Design your card so that it is attractive 2. *Extra Features:* Design your car so that it has exciting and innovative extra features 3. *Large capacity:* Design your car so that it can hold enough cargo/passengers 4. *Aerodynamic:* Design your care so that it is sleek |

In **Round 3, e**ach team will receive the following specifications:

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| ***Team 1 –***  You should build an automobile with the following characteristics:  R3   1. *Large capacity:* Design your car so that it can hold enough cargo/passengers 2. *Aerodynamic:* Design your care so that it is sleek 3. *Lightweight:* Design your car so that it does not physically weight a lot 4. Safe/sturdy*:* Design your car so that it will perform well in a crash test 5. *Aesthetically pleasing:* Design your card so that it is attractive 6. *Extra Features:* Design your car so that it has exciting and innovative extra features |

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| ***Team 2 –***  You should build an automobile with the following characteristics:  R3   1. *Lightweight:* Design your car so that it does not physically weight a lot 2. Safe/sturdy*:* Design your car so that it will perform well in a crash test 3. *Aesthetically pleasing:* Design your card so that it is attractive 4. *Extra Features:* Design your car so that it has exciting and innovative extra features 5. *Large capacity:* Design your car so that it can hold enough cargo/passengers 6. *Aerodynamic:* Design your care so that it is sleek |

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| ***Team 3 –***  You should build an automobile with the following characteristics:  R3   1. *Aesthetically pleasing:* Design your card so that it is attractive 2. *Extra Features:* Design your car so that it has exciting and innovative extra features 3. *Large capacity:* Design your car so that it can hold enough cargo/passengers 4. *Aerodynamic:* Design your care so that it is sleek 5. *Lightweight:* Design your car so that it does not physically weight a lot 6. Safe/sturdy*:* Design your car so that it will perform well in a crash test |