

# ROBOT OLYMPICS JUDGE'S RUBRIC

NAMES \_\_\_\_\_

COUNTRY \_\_\_\_\_

<u>Gymnastics Routine</u>	<u>Chariot Racing</u>																								
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"><u>Action</u></th> <th style="width: 20%;"><u>Points</u></th> </tr> </thead> <tbody> <tr> <td>• Straight path movements forward (5 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Straight path movements backward (5 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Curved path movements forward (10 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Curved path movements backward (10 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Spins (10 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Exact triple turns (10 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Right angle turns (15 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Robot does a trick in rhythm with the music (15 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Flash lights at the same you are performing another trick (15 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>• Performance meets time requirement (20 points)</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: center;"><b><u>Total</u></b></td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>	<u>Action</u>	<u>Points</u>	• Straight path movements forward (5 points)	_____	• Straight path movements backward (5 points)	_____	• Curved path movements forward (10 points)	_____	• Curved path movements backward (10 points)	_____	• Spins (10 points)	_____	• Exact triple turns (10 points)	_____	• Right angle turns (15 points)	_____	• Robot does a trick in rhythm with the music (15 points)	_____	• Flash lights at the same you are performing another trick (15 points)	_____	• Performance meets time requirement (20 points)	_____	<b><u>Total</u></b>	_____	<p>Round/Heat _____</p> <p>Did the robot and chariot cross the finish lines?    Yes        No</p> <p>Did the figurine remain in a standing position?    Yes        No</p> <p>Did the robot and chariot remain in its lane?    Yes        No</p> <p>Place finish: _____</p> <p>Championship heat: _____</p> <p>Overall place finish: _____</p>
<u>Action</u>	<u>Points</u>																								
• Straight path movements forward (5 points)	_____																								
• Straight path movements backward (5 points)	_____																								
• Curved path movements forward (10 points)	_____																								
• Curved path movements backward (10 points)	_____																								
• Spins (10 points)	_____																								
• Exact triple turns (10 points)	_____																								
• Right angle turns (15 points)	_____																								
• Robot does a trick in rhythm with the music (15 points)	_____																								
• Flash lights at the same you are performing another trick (15 points)	_____																								
• Performance meets time requirement (20 points)	_____																								
<b><u>Total</u></b>	_____																								
<p><b><u>Point Deductions</u></b></p> <ul style="list-style-type: none"> <li>• Robot goes outside of the taped off performance area – (-5) points each</li> <li>• Any part of the robot other than the wheels touch the ground, such as unplanned tilts or accidents – (-5) points each</li> <li>• Does not fall within time limit (-1) point for each second too short or too long</li> <li>• Flag dropped (-10) points</li> <li>• Prior to your performance, you must turn in a plan that shows what your robot is programmed to perform. The judges will watch your performance as they follow along with the program you have provided. You will earn 5 bonus points if your performance matches your written program.</li> </ul> <p style="text-align: center;"><b><u>Final Score</u></b>                      _____</p>																									