

<p style="text-align: center;"><b>Racin Rays – Solar Cars</b>  <b>Tuesday ONLY</b>  3<sup>rd</sup> - 5<sup>th</sup> Grade  <b>Teams of 2</b></p> <ul style="list-style-type: none"> <li>• Teams must compete using the Pitsco Solar Car Kit (provided at trainings)</li> <li>• Teams are allowed to share the solar panel (not the cars)</li> <li>• Teams must be prepared to run on batteries</li> <li>• Teachers may bring as many teams of 2 as they have cars.</li> </ul>	<p style="text-align: center;"><b>Engineering Design Challenge</b>  <b>Tuesday – Thursday</b>  Primary (2nd/3rd)  Intermediate (4th/5th)  <b>Teams of 4</b></p> <ul style="list-style-type: none"> <li>• Teams will be given a request for proposal and materials needed.</li> <li>• In a set amount of time, they will be required to design and create a product to meet the specifications of the proposal.</li> <li>• Teachers may bring one team for each primary and intermediate per school.</li> </ul>
<p style="text-align: center;"><b>Crack the Code Challenge</b>  <b>Tuesday – Thursday</b>  Primary (2nd/3rd)  Intermediate (4th/5th)  <b>Teams of 4</b></p> <ul style="list-style-type: none"> <li>• In a specified amount of time, teams will have the opportunity to solve problems and open locks to Crack the Code!</li> <li>• Problems will include math and science tasks and tools.</li> <li>• Teachers may bring one team for each primary and intermediate per school.</li> </ul>	<p style="text-align: center;"><b>Robot Maze Challenge</b>  <b>Tuesday – Thursday</b>  Primary (2nd/3rd)  Intermediate (4th/5th)  <b>Teams of 4</b></p> <ul style="list-style-type: none"> <li>• Primary teams may use Botley robots or equivalent.</li> <li>• Intermediate teams may use NXT, EV3 or Spike Prime.</li> <li>• Teams will be shown a maze created on a mat and have a given amount of time to program their robot through the maze.</li> <li>• Teachers may bring one team for each primary and intermediate per school.</li> </ul>