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direction="left" loop="200000" width="100%">
<STRONG>Hello And welcome To The Official website Of Team 5119 Of The VRC,
Work on sack attack has been going very well, and since our sponsorship with
kuka, we have loads of new parts which have completed our robot. </STRONG>
</MARQUEE>
</FONT>
&nbsp;</p>
</td>
</tr>
<tr>
<td height="237"><iframe width="320" height="240"
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<td><p>welcome to team 5119s official website, this website was created to
show the work that we have done since January 2012</p>
<p>The video to the left is a short montage put together from many members
of team 5119 from the UK Nationals 2012. At this event we won the energy award
and placed joint 3rd.</p>
<p>Content By: Liam Grazier, Georgia Preece, James Pearson and Vex
Robotics Inc. </p>
<p>&nbsp;</p></td>
<td width="332" rowspan="5"><p></p>
<p></p></td>
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<tr>
<td width="356" height="237"><p>2012-2013 Vex Game <br />
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</p>

<p>The video to the right is the official Vex Sack Attack animation showing the Vex game for 2012-2013. This game was unveiled at Vex worlds last April 2012. </p>

<p>Since April, Autodesk designs have been created for the new robot, work on the new robot will start in September for the regional Vex Robotics Competition In February, we aim to have the Robot to be completed by late November, and to be able to have 2 months practice for autonomous and driver assist, as well as robot/programming skills. </p></td>

<td width="355"><p>

<iframe width="320" height="240"

src="http://www.youtube.com/embed/N-ehrKSYfjk" frameborder="0" allowfullscreen></iframe>

</p></td>

</tr>

<tr>

<td height="248"><p></p></td>

<td><p>Autodesk Inventor</p>

<p>During our time working on the vex design system, we have found that working with autodesk helps us altogether, this is mainly because autodesk gives us the chance to build prototypes virtually when we are away from the lab. </p>

<p>As well as this, Autodesk gives us the means to design an entire robot, then give us a parts list, so we don't over order parts and waste money. This works well because our designs are identical to our actual robot. This is going to be the main point we bring up for the design award. </p></td>

</tr>

<tr>

<td>Vex Robotics - Gateway 2011-2012

<p>Team 5119 performed well at the UK Nationals of Vex, placing joint 3rd with our alliance (The Gilberd School). After battling our way through qualification, we paired with The Gilberd School and worked very well together, after getting to the semi-finals we were defeated most graciously by the John Warner Academy. </p>

<p>Team 5119 won an Energy Award At This Competition.</p></td>

<td><p>

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<td height="865" colspan="2"><p>Brief History</p>

<p>Watch a video introduction of team 5119 <a

href="http://www.youtube.com/watch?v=7Li-5CiRSNQ&feature=plcp">here</a>. </p>

<p>June 2011: After one full year of our previous rocket car project, we attended the big bang fair at RAF: Cosford to present our work, at this event we met Heather Corbett with is a member of the Vex team who was promoting Vex Robotics and a member of our school alerted us to the project.<br />

</p>

<p>November 2011: The Vex Robotics kits arrived.</p>

<p>January 2012: Team 5119 was established and work on prototypes began. </p>

<p>March 2012: After many challenges and new ideas to help make our robot unique to other Robots at the Vex UK Nationals, we decided to remove our arm and change our line of attack, after removing our arm design our performance improved and we qualified, after this we paired up with the Gilberd School as an alliance and after battling our way through the knock out stages, we placed joint 3rd.</p>

<p>April 2012: As soon as the new game &quot;Sack Attack&quot; was released, we immediately started work on designs using Autodesk as well as plans etc.</p>

<p>May 2012: After hundreds of messages back and forward via our facebook group, we finally agreed on our designs </p>

<p>July 2012: Vex Regional workshop = Success ! </p>

<p>July 2012: Our Vex Robot Is Dismantled, Ready For Work In September </p>

<p>August 2012: Autodesk Designs Completed, and autonomous



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