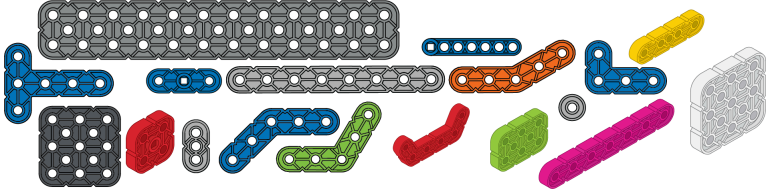
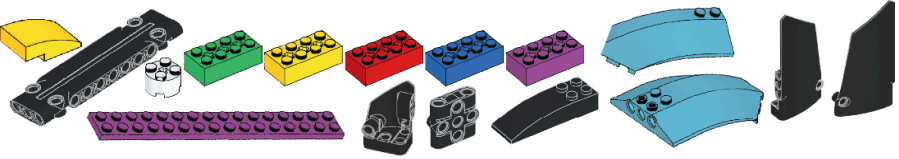
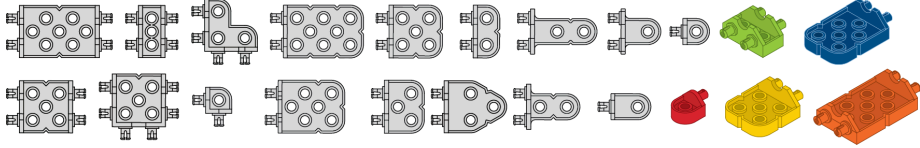
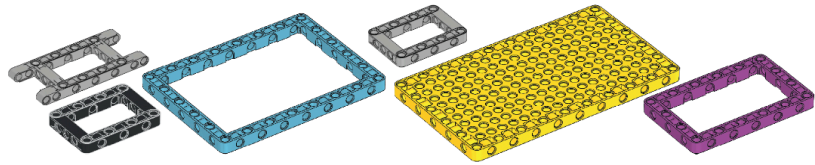
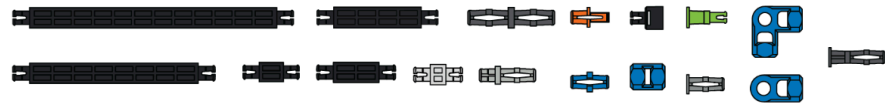
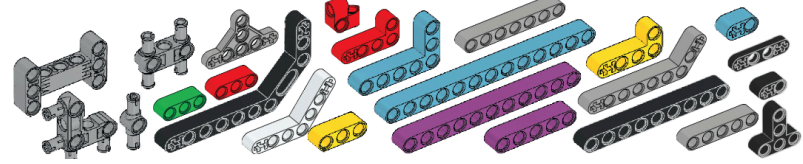
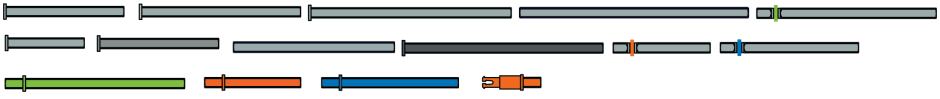
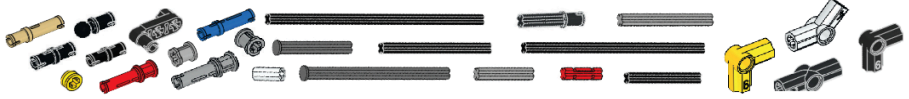
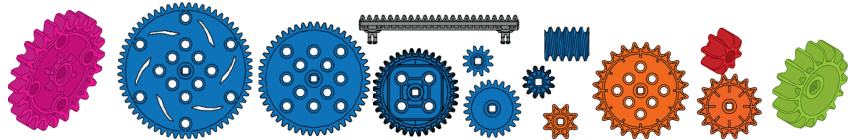





# RECF ENGAGE

ROBOTICS COMPETITION

## Legal non-electronic parts examples

This is a quick reference for the style of the legal parts systems. This is not a comprehensive guide for all legal parts and colors.

VEX IQ® / VEX GO® parts examples	LEGO® Spike™ / LEGO® Mindstorms® parts examples
<p data-bbox="457 256 680 284"><b>Plates and Beams</b></p>  <p>A collection of VEX IQ/GO plates and beams in various colors (grey, blue, orange, yellow, red, green, pink, black) and shapes, including long beams with holes and various sized plates.</p>	<p data-bbox="1360 256 1696 284"><b>Bricks, Panels, and Biscuits</b></p>  <p>A collection of LEGO Spike/Mindstorms bricks, panels, and biscuits in various colors (yellow, green, yellow, red, blue, purple, black, grey, blue, black) and shapes, including long Technic bricks and curved panels.</p>
<p data-bbox="499 492 638 519"><b>Connectors</b></p>  <p>A collection of VEX IQ/GO connectors in various colors (grey, blue, green, red, yellow, orange) and shapes, including various sized pins and brackets.</p>	<p data-bbox="1381 492 1675 519"><b>Frames and Base Plates</b></p>  <p>A collection of LEGO Spike/Mindstorms frames and base plates in various colors (grey, blue, yellow, purple) and shapes, including rectangular frames and large base plates.</p>
<p data-bbox="457 711 680 738"><b>Pins and Standoffs</b></p>  <p>A collection of VEX IQ/GO pins and standoffs in various colors (black, orange, green, blue) and shapes, including long pins and various sized standoffs.</p>	<p data-bbox="1486 711 1570 738"><b>Beams</b></p>  <p>A collection of LEGO Spike/Mindstorms beams in various colors (grey, red, blue, yellow, purple, black) and shapes, including long Technic beams and various sized connectors.</p>
<p data-bbox="541 922 596 950"><b>Shafts</b></p>  <p>A collection of VEX IQ/GO shafts in various colors (grey, black, green, orange, blue) and lengths, including long shafts and various sized connectors.</p>	<p data-bbox="1339 922 1717 950"><b>Axles, Pegs, and Angle Elements</b></p>  <p>A collection of LEGO Spike/Mindstorms axles, pegs, and angle elements in various colors (black, blue, grey, yellow, black) and shapes, including long axles and various sized connectors.</p>
<p data-bbox="457 1076 680 1104"><b>Gears and Sprockets</b></p>  <p>A collection of VEX IQ/GO gears and sprockets in various colors (pink, blue, orange, green) and shapes, including various sized gears and sprockets.</p>	<p data-bbox="1255 1076 1801 1104"><b>Gears, Sprockets, Bushings, and Ball Bearings</b></p>  <p>A collection of LEGO Spike/Mindstorms gears, sprockets, bushings, and ball bearings in various colors (grey, black, white, blue) and shapes, including various sized gears and sprockets.</p>
<p data-bbox="541 1263 596 1291"><b>Wheels</b></p>  <p>A collection of VEX IQ/GO wheels in various colors (blue, grey, black) and shapes, including various sized wheels and tires.</p>	<p data-bbox="1486 1263 1570 1291"><b>Wheels</b></p>  <p>A collection of LEGO Spike/Mindstorms wheels in various colors (black, grey, blue) and shapes, including various sized wheels and tires.</p>