



CHALLENGE RUBRIC – JUDGES

Table Number:

Criteria	Level 1	Level 2	Level 3	Level 4	Weight	Score
Content of Portfolios	<ul style="list-style-type: none"> Portfolio contains little evidence of collaborative planning and required content 	<ul style="list-style-type: none"> Portfolio contains some evidence of collaborative planning and required content 	<ul style="list-style-type: none"> Portfolio contains evidence of collaborative planning and required content 	<ul style="list-style-type: none"> Portfolio contains clear evidence of collaborative planning and required content 	35	
Group Work Skills	<ul style="list-style-type: none"> Members of the group work independently and/or co-operatively with much difficulty 	<ul style="list-style-type: none"> Members of the group work independently and/or co-operatively with some difficulty 	<ul style="list-style-type: none"> Members of the group work independently and/or co-operatively with minor difficulty 	<ul style="list-style-type: none"> Members of the group work independently and/or co-operatively with no difficulty 	10	
System	<ul style="list-style-type: none"> The device is unable to safely transport the ball to the hopper and drop it in Little effort was put into working safely One action of the device are controlled by hydraulics The device has several parts which are not securely built and/or attached The cost efficiency is in the lower quartile of all teams 	<ul style="list-style-type: none"> The device is able to safely transport the ball to the hopper and drop it in twice Some effort was put into working safely Two actions of the device are controlled by hydraulics The device has a few parts which are not securely built and/or attached The cost efficiency is in the lower middle quartile of all teams 	<ul style="list-style-type: none"> The device is able to safely transport the ball to the hopper and drop it in four times Much effort was put into working safely The actions of the device are controlled by hydraulics with some error The device has nearly all parts securely built and/or attached The cost efficiency is in the higher middle quartile of all teams 	<ul style="list-style-type: none"> The device is able to safely transport the ball to the hopper and drop it in more than four times Outstanding effort was put into working safely The actions of the device are controlled by hydraulics without error The device has all parts securely built and/or attached The cost efficiency is in the upper quartile of all teams 	20 10 8 8	