

**2017 RoboPlay Video Rubric\***

**1. Best Storyline**

	0	1	2	3	4
Setting	There is no discernable setting.	The setting is unclear or vague	The setting is clear but is missing some visual and contextual details	The setting is clear and includes an adequate amount of visual and contextual details	The setting is clear and there are many supporting visual and contextual details
Plot Development	There is no discernable plot.	The story needs extensive editing. It is too long or too short to be interesting.	The story needs more editing. It is noticeably too long or too short in more than one section.	The story composition is typically good, though it seems to drag somewhat OR needs slightly more detail in one or two sections.	The story is told with exactly the right amount of detail throughout. It does not seem too short nor does it seem too long.
Conflict and Resolution	There is no conflict nor resolution	Some conflict is discernable, but it is not clear what problem the main characters face.	It is fairly easy for the viewer to understand the problem the main characters face but it is not clear why it is a problem.	It is fairly easy for the viewer to understand the problem the main characters face and why it is a problem.	It is very easy for the viewer to understand the problem the main characters face and why it is a problem.
Theme	No characterization is evident in the video.	It is hard to tell who the main characters are and there is little or no use of direct or indirect characterization techniques.	The main characters are represented using few direct and indirect characterization techniques. The viewer knows very little about the characters.	The main characters are represented and described using some direct and indirect techniques. Most viewers would have	The main characters are represented and clearly described using variety of direct and indirect techniques. Most could describe the characters accurately.

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				some idea of what the characters are like.	
Character Development	No props are used in video.	Only one or a few props are used in the video - but not creatively	One or a few props are used creatively.	Most of the props are used creatively.	All props are used in creative ways.
Creative use of Props	No props are used in video.	Only one or a few props are used in the video - but not creatively	One or a few props are used creatively.	Most of the props are used creatively.	All props are used in creative ways.
Script – Dialog	No script present		Video dialog does not match the script exactly		Video dialog matches script exactly
Script - Direction	No script present		Robot movements don't match the script exactly or is missing stage direction		Robot movements match the script exactly

## 2. Most Interesting Task

	0	1	2	3	4
Technical Difficulty	No elements of the task are difficult.	Some elements of the task are difficult but lacks evidence of effort	Some elements of the task are difficult but shows evidence of effort	Task is difficult but lacks evidence of effort.	Task is difficult and shows evidence of great effort.
Innovation	Task is not original, advanced, or new	Task exhibits one of the following elements: interesting, advanced, original, or new.	Task exhibits two of the following elements: interesting, advanced, original, or new.	Task exhibits three of the following elements: interesting, advanced, original, or new.	Task exhibits all of the following elements: interesting, advanced, original, or new.
Creative use of Robots	Robots are not used in a creative way.	Some Robots are used creatively but use is not new	Some Robots are used creatively in an original way	Use of Robots is creative but not new.	Creativity of Robots is apparent and new.

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Creative Use of Props	No attachments are used in video.	One attachment is used in the video but not creatively	One attachment is used creatively.	More than one attachment is used but only one is used creatively	All attachments are used in creative ways.
Documentation/Description	No documentation	Documentation names the task but provides no description	Documentation names the task and provides a brief summary of the task	Documentation provides a clear or detailed description but lacks purpose.	Documentation provides a clear and detailed description of the task and purpose
Script – Dialog	No script present		Video dialog does not match the script exactly		Video dialog matches script exactly
Script - Direction	No script present		Robot movements don't match the script exactly or is missing stage direction		Robot movements match the script exactly

### 3. Best Choreography

	0	1	2	3	4
Synchronization with Music	No music present in video.	Music is used by robots don't move with it.	Some of the Robot motion is synced with the music.	Most of the Robot motion is synced with the music.	All Robot motion perfectly syncs with music.
Technical Difficulty	Robots don't move.	No technical difficulty is present. All Robots are following basic movements.	One or two non-basic movements performed.	Robots perform moderately difficult tasks.	Robot motion clearly displays technical difficulty and creative thinking.
Interaction with Environment	Robots do not interact with the environment.	Robots have little interaction with the environment.	Environment interaction is clear but takes away from the overall flow of the video or is not original.	Environment interaction is clear and original but movement detracts from the overall flow of the video	Environment interaction, clear, original, and movement is fluid
Interaction between Robots	No Robot interaction or	Robots have little interaction with each other	Robot interaction is clear but takes	The robots clearly interact with each and interaction ir	Robot interaction is clear, original,

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	only one Robot used.	and interaction is not original.	away from the overall flow of the video or is not original.	original but interaction takes away from the overall flow of the video	and movement is fluid
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**4. Best Custom Designed Part (If custom part is indicated)**

	0	1	2	3	4
Complexity	Part is not complex.	Part is moderately complex but lacks creativity	Part is moderately complex and is used creatively	Part is complex but lacks creativity.	Part is complex and shows creativity.
Functionality	Part has no functional purpose.	Part has little functional purpose.	Part has some functional purpose but is not unique.	Part has some functional purpose and is somewhat unique.	Functionality of part is clear and unique.
Documentation	No documentation.	Simple description or drawing of the custom part.	A basic description and drawing of the custom part and reproducibility would be difficult	A good description and drawing of the custom part are provided but the part may be difficult to reproduce.	Excellent description of the custom part and clean, clear drawings are provided. Part would be easily reproducible

**5. Best Film Promoting Computational Thinking (If code is submitted)**

	0	1	2	3	4
Code Precision and Brevity	Code is very short and simple.	Code is short and simple and difficult to read	Code is awkward and hard to follow, but can be read.	Code is precise or easy to follow but not both	Clean, concise and easy to follow.
Code Comments	No comments beyond required headers.	Sparse and incomplete comments.	Comments are sparse but when present they are complete	Many comments but lacking in detail or information	Very well commented. Detailed and informative.
Complex Structures	Lacks use of complex structures.	Uses at least one function, loop, or branching logic	Uses at least two of functions, loops, or branching statements.	Uses at least one of each functions, loops, and	Uses multiple of each functions, loops, and branching logic.

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				branching statements.	
Completeness of Ch Code	Robot movements do not correlate to code.	Robot movements somewhat correlate to code.	Most robot movements correlate to code.	All robot movements are represented in the code.	All robot movements are represented in the code and exhibits originality

**\*Rubric wording may be slightly modified prior to the event.**