

INDEPENDENT PROJECT: RUBRIC & INFORMATION

INDEPENDENT PROJECT: SCRIPT – RUBRIC	
PROJECT TITLE	3 pts
<i>Is the title representative of the project? (Use common language, avoid technical terms)</i>	
FULL CITATION OF PAPER	3 pts
<i>Does the citation include author/s, year, title, journal title, journal issue and page numbers?</i>	
SUMMARY OF PAPER – Description of what has been done in the paper (focus on what you will present in the movie if that is not the entire paper)	10 pts
<i>Length: 100-200 words</i>	
<i>Is the paper an original research paper?</i>	
<i>Are all relevant aspects of the paper included?</i>	
THEORY CONCEPTS – Explanation of three theory concepts that are relevant to understanding the paper (focus <u>exclusively</u> on the theory in this section without linking it to the paper yet)	24 pts
<i>Length: 100-200 words PER theory concept (total: 300-600 words)</i>	
<i>Are three theory concepts used?</i>	
<i>Is each theory concept explained?</i>	
<i>Are theory concepts described correctly?</i>	
LINKING THEORY & PAPER – Description of how theory concepts are linked to the paper	20 pts
<i>Length: 200-400 words</i>	
<i>Are the theory concepts relevant to the study?</i>	
<i>Are theory concepts linked to the paper correctly?</i>	
MOVIE DESCRIPTION – Description of movie plot	10 pts
<i>Length: 100-300 words</i>	
<i>Is everything that is in the movie described?</i>	
OVERALL QUALITY/FORMAT	5 pts
<i>Is the assignment formatted according to instructions? (refer to the syllabus section “Written assignments”)</i>	
<i>Are statements backed up by references?</i>	
<i>Are references limited to textbooks and original research publications (incl. review papers)?</i>	
<i>Is the overall quality of the assignment excellent?</i>	
TOTAL	75 pts

INDEPENDENT PROJECT: MOVIE – RUBRIC	
CONTENT	25 pts
<p><i>Is background information on the study system provided?</i> (see paper introduction or outside sources)</p> <p><i>Are three theory concepts presented?</i></p> <p><i>Are study methods presented?</i></p> <p><i>Are the findings of the study presented?</i> (see results & discussion in paper)</p> <p><i>Are the theory concepts relevant to understanding the study?</i></p> <p><i>Does the movie reflect accurately what has been done in the paper?</i></p> <p><i>Does the scope of the movie cover all relevant aspects of the paper?</i></p>	
PRESENTATION	25 pts
<p>If you use text, make sure it's very targeted and effective to get the message across. This can mean using sentences or single words (e.g., labels for animations). Avoid any text that is longer than a single sentence in a picture frame.</p> <p><i>Was text used effectively?</i></p> <p><i>Were visual aids used effectively?</i> (e.g., images, animations, video clips)</p> <p><i>Does the movie tell a story?</i></p> <p><i>Is the movie length within 5-10 minutes?</i> (shorter length can be ok if all elements are included)</p>	
CREATIVITY	25 pts
<p><i>Have at least three media been used?</i> (e.g., photos, graphs, figures, limited text, voice, acting, animations/cartoons, other)</p> <p><i>Is the project title creative?</i></p> <p><i>Is the presentation of theory concepts and paper content creative overall?</i></p>	
TOTAL:	75 pts

Information

This is a team project. Team up with one person you would like to work with or who shares your interests.

Find a recent paper (last 6 months) that was published in one of these four leading scientific journals: **Science, Nature, PNAS, Evolution**. Present the study in a **movie** and incorporate **3 theoretical concepts from class** (use reference text if necessary). You are required to submit a draft script, a final script and the movie.

SCRIPT

- 1-2 pages
- Elements to include:
 1. Title of your project
 2. Full citation of paper
 3. Introducing the paper and what has been done
 4. Short explanation of 3 theory concepts from class
 5. Linking theory and paper
 6. Explanation of how you will implement/have implemented these elements in your movie
- Refer to the syllabus (section “Written assignments”) for formatting instructions.
- **Final script due 21-Apr at beginning of class**

MOVIE

- 5-10 minutes long
- Category: “educational”
- You will be graded on content (accuracy and scope), presentation and creativity.
- The implementation of these instructions is entirely up to you. It could be (but is not limited to): dramatization/reenactment, animation (drawings, clay sculptures, etc.), interpretative dance, reporter/interview, nature videos, photos (mind copyrights!). **Put your personal spin on it!**
- **Due 21-Apr at beginning of class**

Useful links for some techniques

- How to make an animation using **power point**: <http://www.youtube.com/watch?v=W1zsKa9fElw> (<http://www.youtube.com/user/sciencevideography>)
- **Stop motion** animation: <http://www.youtube.com/watch?v=Yw81zfwvXjc>, <http://www.youtube.com/watch?v=QIszXYpuiNk>

Resources for making the movie

- Library resources: <http://www.lib.ncsu.edu/cdm/videoproduction>
- iMovie for Mac users (Selection of tutorials on YouTube: <http://www.wondershare.com/convert-video-audio/youtube-imovie-tutorial.html>)
- Windows Movie Maker for Windows users (Microsoft tutorial: <http://windows.microsoft.com/en-us/windows-vista/getting-started-with-windows-movie-maker>)