

## Survival (Sleep-Out) Project Video Guide

The idea of your video is to convey that you understand the **physics** of heat flow as a result of a simulated survival experience. You are not allowed to use any external source of thermal energy.

Your make the video should be truly your own (or your group's own) in its aesthetic, methods of delivery and editing style. You can deliver **information** through a combination of images, spoken word, text on the video, music, sound effects etc. Include the following:

1. Ways you are limiting heat flow by **conduction**.
2. Ways you are limiting heat flow by **convection**.
3. Ways you are limiting heat flow by **radiation**.
4. Ways you are limiting heat flow by **evaporation**.
5. Why did you choose to **eat and drink** certain things and not others?
6. Why did you choose to wear specific kinds of **clothing materials**?
7. Why you chose whatever items that you are **laying on** and surrounding yourself with.
8. What the **shelter** consists of and how it performs.
9. The **weather conditions** (*temperature*, humidity, general forecast, wind, etc).
10. Any **other pertinent information** specific to you or your group **before, during** and **after** the night.
11. Choose **three materials** you are using that are commonly found in your own modern culture and give a detailed accounting of their effects on the **environment** due to its manufacture and **land use**. Be sure to report whether or not these two materials performed well at keeping you comfortable as well.
12. **Compare** these two materials to **three alternative materials** that are (or used to be) commonly used in **cultures, places and times other than your current one**. Be sure to report on how their cultures used the materials for survival and how these cultures interacted with the material in a sustainable way.

You are encouraged to make a video that is wholly artistically your own, but many videos flow with a sequential order of:

1. preparation to spend a night outdoors
2. the things you did during the night
3. the things you did/how what you learned as a result of the experience

The edited video should be kept **between 5 and 10 minutes per person**.

You may submit your **own video** even if you were in a group of people for the night, or the **group** can decide to **submit one video**. When submitting one video for all members, please clearly name the video by including all member's names in the title of the file. In class, you will be asked to detail your role in the planning, implementation, filming, narrating and editing of the video after I have reviewed your project.

