

# Background Bullet Points

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## Design Project Background Bullet Points. Due Sept. 13.

### Assemble your background info to begin your analysis (below).

Use the library and the Web to find general information about your animal. Get help from us and/or the librarians. Look through the Design 1 assignment (posted later today) and gather all necessary information to start your analysis. This report will be about your animal's metabolism and heat balance, which you will present in a talk and write up a short paper.

Instead of an introduction, I want you to bullet-point the key background elements and end with a statement of purpose. You will want to cover relevant questions such as:

- What kind of animal was it? What did it look like? (Please draw the figures yourself, it is part of the learning process).
- Include any info that you find particularly interesting about the animal.
- Where did it live? General environment? (think metabolism and heat balance, so climate, humidity, temperature.
- What was the range of ambient temperatures in which it lived, etc.)
- Did it seek cover for shade or hiding places (think how it might impact heat balance and activity)?
- Was it an active animal? How did it obtain food?
- What other sorts of animals and plants lived at the same time?

For the sake of completeness, please organize your info into categories such as

- **general morphology and physical description,**
- **phylogeny and closest living relatives,**
- **time period and range,**

- **habitat, climate, and thermal biology,**
- **lifestyle and behavior** (such as foraging mode, locomotor strategy, social behavior, etc.)

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