

Formal Laboratory Report Calendar

AAEC - Paradise Valley

January 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5 Semester 2 Begins	6	7	8	9
10	11	12	13 ½ Schedule	14	15 Data Notebook / Log Check Chapter #1 - Questions Due	16
17	18 NO SCHOOL Martin Luther King (Jr.) Day	19 Chapter #3 - Questions Due	20	21 Chapter #4 - Questions Due	22 Chapter #6 - Questions Due	23
			Computer Lab Days			
24	25 Formal Lab Report Due Computer Lab	26 Science Fair Poster Work Day	27 Science Fair Poster Due AAEC PV SCIENCE FAIR	28	29	30
31						

This **Biology Lab Report Checklist** can be printed from <http://www.sinauer.com/Kniseley>.

TITLE (p. 57)

- Descriptive and concise

AUTHORS

- Writer is first author, lab partner(s) second (third, etc.) author

ABSTRACT (pp. 56–57)

- Contains purpose of experiment
- Contains brief description of methods
- Contains results
- Contains conclusions

INTRODUCTION (pp. 55–56)

- Contains background information from the literature (primary references)
- Selected references are directly relevant to your experiment.
- Citation format is correct.
- Citations are paraphrased. Direct quotations are not used.
- Objectives of experiment are clearly stated.

MATERIALS AND METHODS

- Materials are not listed separately (p. 35).
- No references to containers (pp. 35–36)
- No description of routine procedures (p. 36)
- No preview of how the data will be organized or interpreted (p. 37)
- Written in paragraph form (not a numbered list) (p. 35)
- Written in past tense (p. 35)
- Contains all relevant information to enable the reader to repeat the experiment. This includes volumes, temperatures, wavelengths, and so on (p. 37).

RESULTS

- Figures and tables are present. Figure captions go below figure; table captions go above table (pp. 42–48)
- Text is present. Reference is made to each table and figure, and the results are described in words (pp. 39–41).
- Figure and table titles are informative and can be understood apart from the text (pp. 42–44).
- No explanation is given for the results (p. 38).

DISCUSSION (p. 55)

- Results are briefly restated.
- Explanations for results are given; implications are considered.
- Errors and inconsistencies are pointed out.

REFERENCES (pp. 57–65)

- References consist mostly of primary journal articles, not textbooks or Internet sources.
- Reference format is correct and complete.
- All references have been cited in the text. All citations in the text have been included in the References section.

REVISION

- Conventions in biology (pp. 71–73)
- Numbers (p. 74)
- Standard abbreviations (pp. 75, 76–77)
- Punctuation (pp. 75, 78–81)
- Clarity (pp. 81–85)
- Grammar (pp. 85–88)
- Word usage (pp. 89–93)
- Spelling (pp. 93–94)
- Global revision (pp. 94–95)
- All questions from the laboratory exercise have been answered