

Group members:

MATT MOTT ELSA VICTORIA DUNN

Project Title/Topic:

THERMAL CYANOS

Evaluator:

BOULEK
PERON

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		
Approaches are appropriate for the project			✓		
Work is appropriate for the time and resources available			✓		
Describes fundamental, relevant scientific and/or engineering principles		✓	✓		
Demonstrates understanding of required technical aspects		✓	✓		
Presentation is technically sound			✓		
Uses suitable technical resources (literature, texts, etc)		✓	✓		
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			✓		
Uses proper American English			✓		
Uses visual aids effectively			✓		
Speaks at a technical level suited for the audience				✓	
Delivers organized oral presentation effectively.				✓	
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			✓		
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓	✓	
Handles questions well			✓		
Smooth transitions between group members'			✓	✓	
3. Professionalism and team coordination (10 points)			✓		
Professional appearance			✓		
Professional language			✓		
Professional attitude			✓		
Shares credit with team members			✓		

TOTAL POINTS: 92

General comments:

CO2
Covered
350 m³/h/pool
25 m³/h ALUMINUMS

HEAT LOSSES
MORE THAN 60°C

400°C

BIOMASS
DRYER

ΔT_{lm} = 360°C

Setting Pond
70 Times
TBO BIG

BUYING
N, P TO
MAKE FERTILIZ_E

Group members: *Bowen, Denker, Fredenberg, Montfield*
 Evaluator: *Cannon*

Project Title/Topic: *Carbon Fixation using Thermophilic Cyanobacteria*

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective				X	
Approaches are appropriate for the project				X	
Work is appropriate for the time and resources available				X	
Describes fundamental, relevant scientific and/or engineering principles					
Demonstrates understanding of required technical aspects			X		
Presentation is technically sound				X	
Uses suitable technical resources (literature, texts, etc)				X	
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)				X	
Uses proper American English				X	
Uses visual aids effectively				X	
Speaks at a technical level suited for the audience				X	
Delivers organized oral presentation effectively.				X	
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)				X	
Makes sufficient eye contact				X	
Speaks at an appropriate volume				X	
Handles questions well				X	
Smooth transitions between group members'				X	
3. Professionalism and team coordination (10 points)					
Professional appearance					
Professional language				X	
Professional attitude				X	
Shares credit with team members				X	

TOTAL POINTS: 95

General comments:

Group members: N. Burch, H. Dwyer, E. Trakberg, K. Trefelt,
D. Robinson.

Project Title/Topic:

Carbon Fixation Using
Thermophilic Gammaproteobacteria

Evaluator: R. Gelsch

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	63	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective				✓		
Approaches are appropriate for the project				✓		objective wasn't 100% clear
Work is appropriate for the time and resources available				✓		
Describes fundamental, relevant scientific and/or engineering principles						not much there
Demonstrates understanding of required technical aspects				✓		
Presentation is technically sound				✓		Mass and Energy Balances
Uses suitable technical resources (literature, texts, etc)		✓				would have been nice.
2. Oral presentation (20 points)	17					
Speaks comfortably with minimal prompts (notecards)				✓		
Uses proper American English				✓		
Uses visual aids effectively				✓		
Speaks at a technical level suited for the audience				✓		
Delivers organized oral presentation effectively.				✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)				✓		
Makes sufficient eye contact				✓		
Speaks at an appropriate volume				✓		
Handles questions well				✓		
Smooth transitions between group members'				✓		
3. Professionalism and team coordination (10 points)	8					
Professional appearance				✓		
Professional language				✓		
Professional attitude				✓		
Shares credit with team members				✓		

TOTAL POINTS: 88

General comments: Look at Flackman instead of Schickler as alternative

Group members: MATT B. ELSA, VICTORIA, MATT D., Project Title/Topic: TERMINALIC CO₂
 Evaluator: SHAFFER

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			X		
Approaches are appropriate for the project			X		
Work is appropriate for the time and resources available			X		
Describes fundamental, relevant scientific and/or engineering principles			X		
Demonstrates understanding of required technical aspects			X		
Presentation is technically sound			X		
Uses suitable technical resources (literature, texts, etc)			X		
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			X		
Uses proper American English			X		
Uses visual aids effectively			X		
Speaks at a technical level suited for the audience			X		
Delivers organized oral presentation effectively.			X		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			X		
Makes sufficient eye contact			X		
Speaks at an appropriate volume			X		
Handles questions well			X		
Smooth transitions between group members'			X		
3. Professionalism and team coordination (10 points)					
Professional appearance			X		
Professional language			X		
Professional attitude			X		
Shares credit with team members			X		

TOTAL POINTS: 86
General comments: _____

Group members: *Bocak et al.*

Project Title/Topic: *Carbon Fixation*

Evaluator: *Larsen*

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		
Approaches are appropriate for the project			✓		
Work is appropriate for the time and resources available			✓		
Describes fundamental, relevant scientific and/or engineering principles			✓		
Demonstrates understanding of required technical aspects			✓		
Presentation is technically sound			✓		
Uses suitable technical resources (literature, texts, etc)			✓		
2. Oral presentation (20 points)			✓		
Speaks comfortably with minimal prompts (notecards)			✓		
Uses proper American English			✓		
Uses visual aids effectively			✓		
Speaks at a technical level suited for the audience			✓		
Delivers organized oral presentation effectively.			✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			✓		
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓		
Handles questions well			✓		
Smooth transitions between group members'			✓		
3. Professionalism and team coordination (10 points)					
Professional appearance			✓		
Professional language			✓		
Professional attitude			✓		
Shares credit with team members					

TOTAL POINTS: _____

General comments:

higher growth rates (other organisms) at lower temp - optimize? confirm?
what nutrient added?
what do you do with biomass?
what procedure?

Group members: Boucek, Danaher, Fredenberg, Macfield,

Evaluator: Heys

Project Title/Topic: Carbon Fixation Using
Thermophilic Cyanobacteria

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		
Approaches are appropriate for the project			✓		
Work is appropriate for the time and resources available			✓		
Describes fundamental, relevant scientific and/or engineering principles					
Demonstrates understanding of required technical aspects		✓			Diffusion of CO ₂ from bubble to water was not convincing
Presentation is technically sound			✓		
Uses suitable technical resources (literature, texts, etc)			✓		
2. Oral presentation (20 points)			✓		
Speaks comfortably with minimal prompts (notecards)			✓		
Uses proper American English			✓		
Uses visual aids effectively			✓		
Speaks at a technical level suited for the audience			✓		
Delivers organized oral presentation effectively.			✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			✓	✓	Very well organized
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓		
Handles questions well			✓		
Smooth transitions between group members'			✓		
3. Professionalism and team coordination (10 points)		✓			Including more would have been nice.
Professional appearance			✓		
Professional language			✓		
Professional attitude			✓		
Shares credit with team members			✓		

TOTAL POINTS: _____

General comments: _____