

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Due Date: \_\_\_\_\_



## Tiny Houses Design Brief

### Criterion B: Developing Ideas



1.) In your opinion, *how* do you make a house into a home? **Explain.**

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2.) **Outline** the key features or aspects that a house needs to have. **Explain.**

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3.) Are there differences between what a house requires and what a home requires? **Explain.**

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4.) **Describe** some features or aspects that you would want in a home if you could design and/or create it.

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5.) **Describe** some “special” tiny house specific features or aspects that you would want to integrate into your design.

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6.) **List** features of your tiny house design that will minimize your carbon footprint. **Explain** why you will include them:

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7.) **Define** layout:

8.) **Define** blueprint:

9.) **Define** floor plan:

10.) Thinking about multiple people living in your tiny home, **explain** *how* you would problem solve the issue of privacy.

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11.) **Explain** how you would get creative in the layout of your tiny house to make the most of your space.

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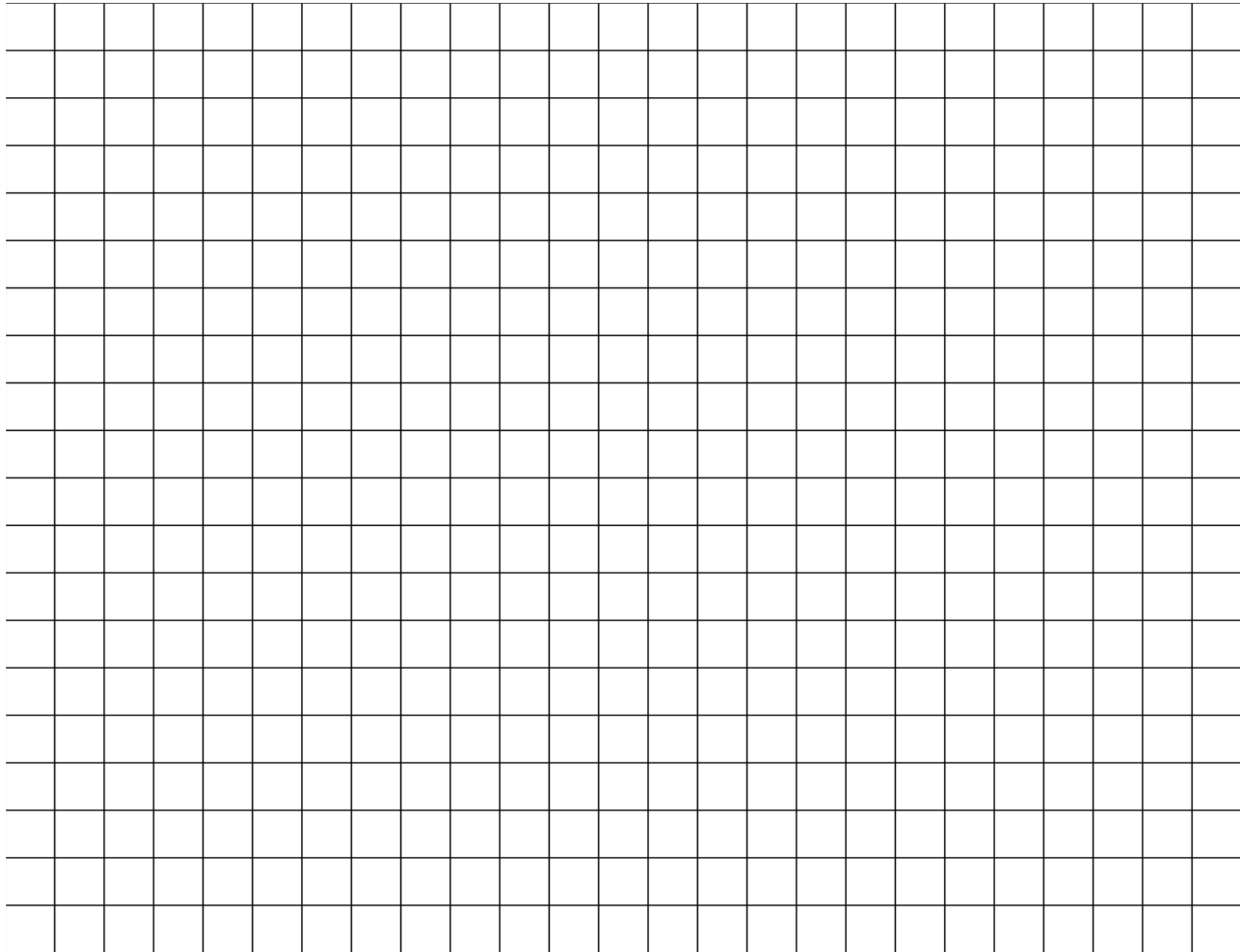
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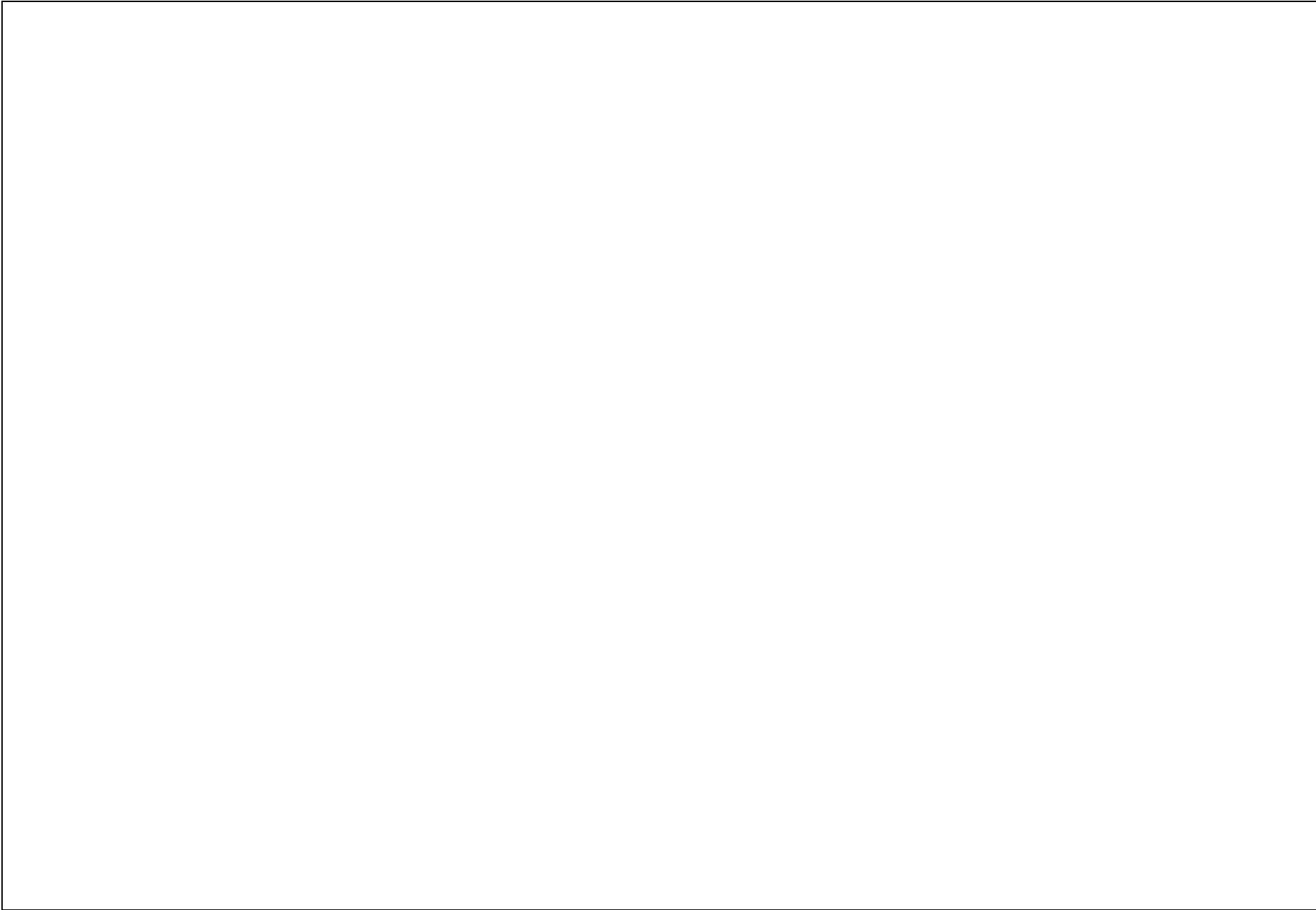
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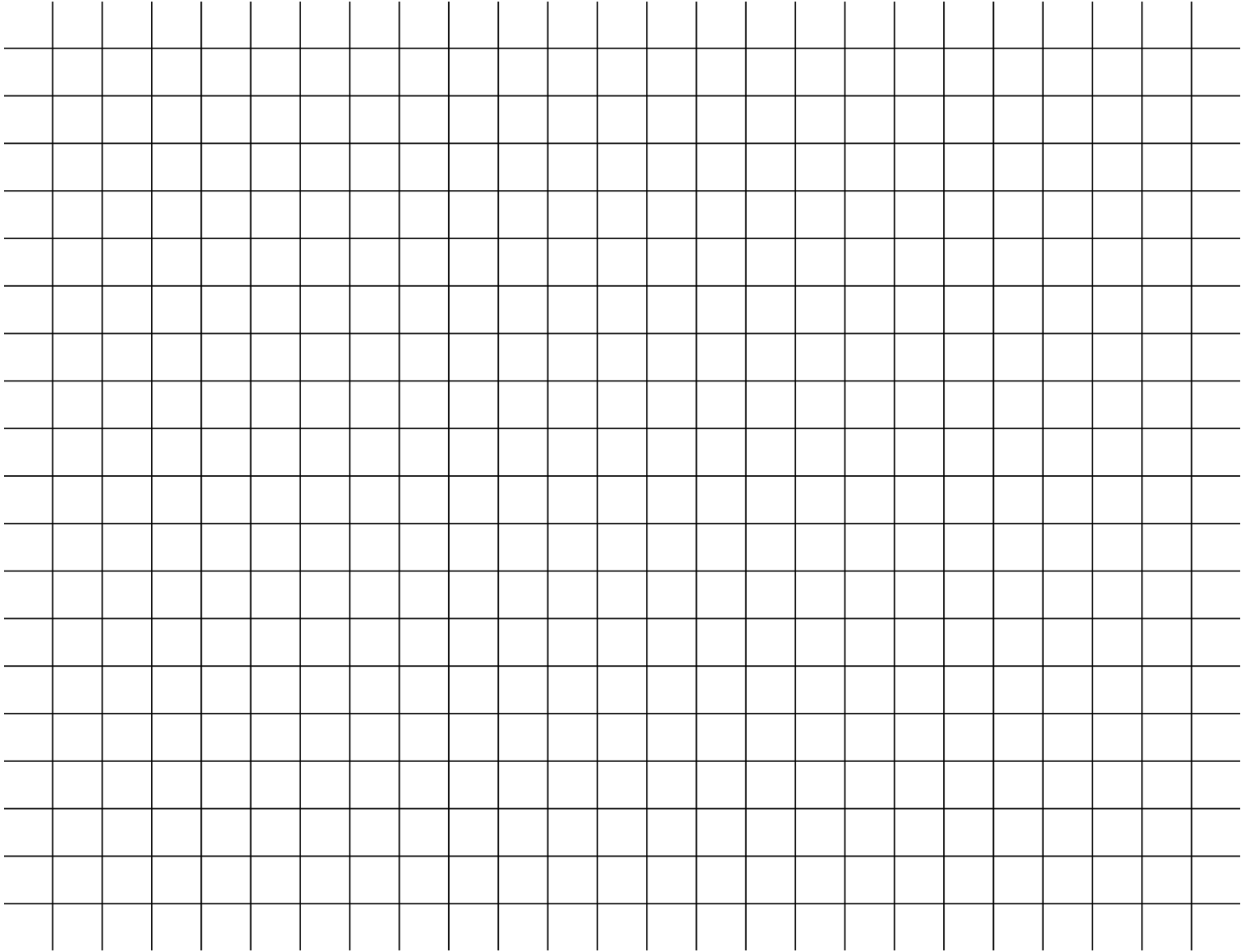
12.) **Blueprint** Exterior: (Remember that the average Tiny House is 20' long and 14' tall. In your drawing, each box should represent one foot.)



13.) One Perspective **Drawing**: Exterior



14.) **Blueprint** Interior: (Remember that the average Tiny House is 20' long and 8' wide. In your drawing, each box should represent one foot.)



15.) One Perspective **Drawing**: Interior



**Furniture + Appliance Dimensions:**

All dimensions are in inches and will need to be converted to feet for your drawing by dividing them by 12.

*w = width, L = length, d = depth, h = height*

Bed (Twin) -	36w x 72L
Bed (Full) -	54w x 81L
Bed (Queen) -	60w x 81L
Murphy Bed -	24w x 6d [81h]
Futon (Full Frame)	
as a couch -	78w x 36d
as a bed -	78w x 54d
Nightstand -	18w x 15d
Dresser (6 Drawers) -	
	54w x 15d
Dresser (4 Drawers) -	
	36w x 18d
Table (2 Seater) -	24w x 24L
Table (3/4 Deater) -	24w x 42L
Desk -	51w x 30d
Bookcase (3 Shelf) -	30w x 12d
[24h]	
Bookcase (5 Shelf) -	30w x 12d
[42h]	
Couch (Regular) -	81w x 33d
Couch (Loveseat) -	57w x 33d
Chair -	33w x 33d
Stool -	15w x 15d
Bench -	51w x 18d
Closet (small) -	18w x 21d
Closet (medium) -	36w x 24d
Closet (large) -	72w x 24d

Kitchen Cabinets -	24d x 15w
Upper Cabinets -	12d x 15w
Swinging Door -	30w x 2d
Pocket Door -	30w x 2d
Shower -	30w x 30d
Bathroom Sink -	24w x 18d
Toilet -	18w x 27d
Washer -	24w x 18d [30h]
Dryer -	24w x 18d [30h]
Dishwasher -	24w x 18d
Stove + Sink + Fridge Combo -	
	48w x 24d [42h]
Microwave -	18w x 12d
6 Gallon Water Heater -	
	21w x 18d [15h]

**Additional Size Requirements:**

- 30"x30" minimum shower size
- 21" space in front of toilet and sink (can overlap)
- 24" space for shower door
- 15" from center of toilet to side wall
- 36-48" space in front of cabinets

**Self-Checking Guide:** Before you turn in this assignment, complete the checklist below to help ensure you are turning in **high quality work.**

Check for the following:	Student Initials:
High quality responses	
Good organization of ideas	
Complete sentences	
Academic Writing: punctuation, spelling , etc.	
Handwriting OK	

TEACHER: Additional comments and scores, to be filled out by **TEACHER.**

B: Developing Ideas	Score:
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Additional Comments:

**Notes / Comments / Questions / Ideas:**

**Demo Sketch Space:**

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