

Future Farming Robots - Design a farming machine of the future

Initial phase: Evaluating an existing farm machine

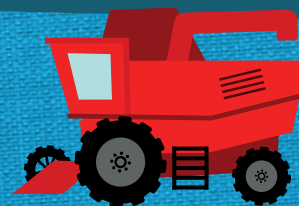


Draw the farm machine you are evaluating here...

I think this is a good farm machine because...

The existing farm machine I am evaluating is...

I think this farm machine could be improved by...



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Phase 1: Starting thoughts

Using words and pictures, sketch out three ideas for a farming machine of the future.



Idea 1	Idea 2	Idea 3
<p>Assessment</p> <p>* _____</p> <p>_____</p> <p>* _____</p> <p>_____</p> <p>Wish _____</p> <p>_____</p>	<p>Assessment</p> <p>* _____</p> <p>_____</p> <p>* _____</p> <p>_____</p> <p>Wish _____</p> <p>_____</p>	<p>Assessment</p> <p>* _____</p> <p>_____</p> <p>* _____</p> <p>_____</p> <p>Wish _____</p> <p>_____</p>



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Phase 2: Developing one of my ideas



What I am designing (the product):

Who would use it? (the users):

What it is for and what it should do (its purpose/purposes):

How it will work:

How it is suitable for the person/people I am making it for:

Design criteria

I want my product to (list the most important feature first):

1.

2.

3.

4.

5.

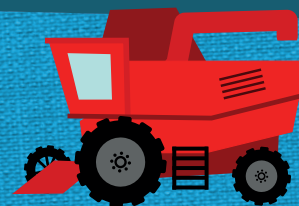


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Phase 3: A labelled diagram / picture of my design



A large, empty rectangular box with a thin blue border, intended for a student to draw and label their design of a future farming machine.



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Phase 4: Evaluation and improvements



Strengths of my design:

Improvements I can make to how my machine works:

Weaknesses of my design:

Improvements I can make to how my machine looks:



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Phase 5: A labelled diagram / picture of my final design



A large, empty rectangular box with a blue border, intended for a student to draw or create a labelled diagram of their final design for a future farming machine.

