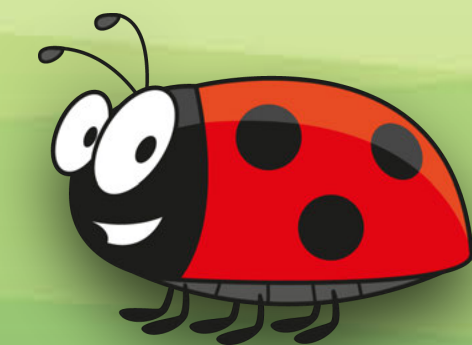


Moving Minibeasts



Today we will be...
designing a picture with a moving mechanism

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Over the last few lessons, we have looked at three different ways of creating a **moving picture**.

**sliding
mechanism**

**lever & pivot
mechanism**

**wheel
mechanism**



Can you explain how each of these **mechanisms** works?

Think, pair, then share your ideas.

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Next

Can you match up the mechanisms to their descriptions?

**wheel
mechanism**

This mechanism allows a picture to move in a **straight** line across a page.

**sliding
mechanism**

This mechanism allows a picture to move in an **arc** across the page.

**lever & pivot
mechanism**

This mechanism allows a picture to move in a **circle** on the page.

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Did you match them up correctly?

**wheel
mechanism**

**sliding
mechanism**

**lever & pivot
mechanism**

This mechanism allows a picture to move
in a **straight** line across a page.

This mechanism allows a picture to move
in an **arc** across the page.

This mechanism allows a picture to move
in a **circle** on the page.

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Next

This is Tom.

He is an author who is planning to write a children's book about minibeasts.



He has written you a letter asking for your help with his book.

Hello!

I need your help with a book that I want to write about minibeasts for 3-5 year olds.

I would like to include some moving pictures of different minibeasts.

Would you be able to create some designs for me?

Thank you very much!

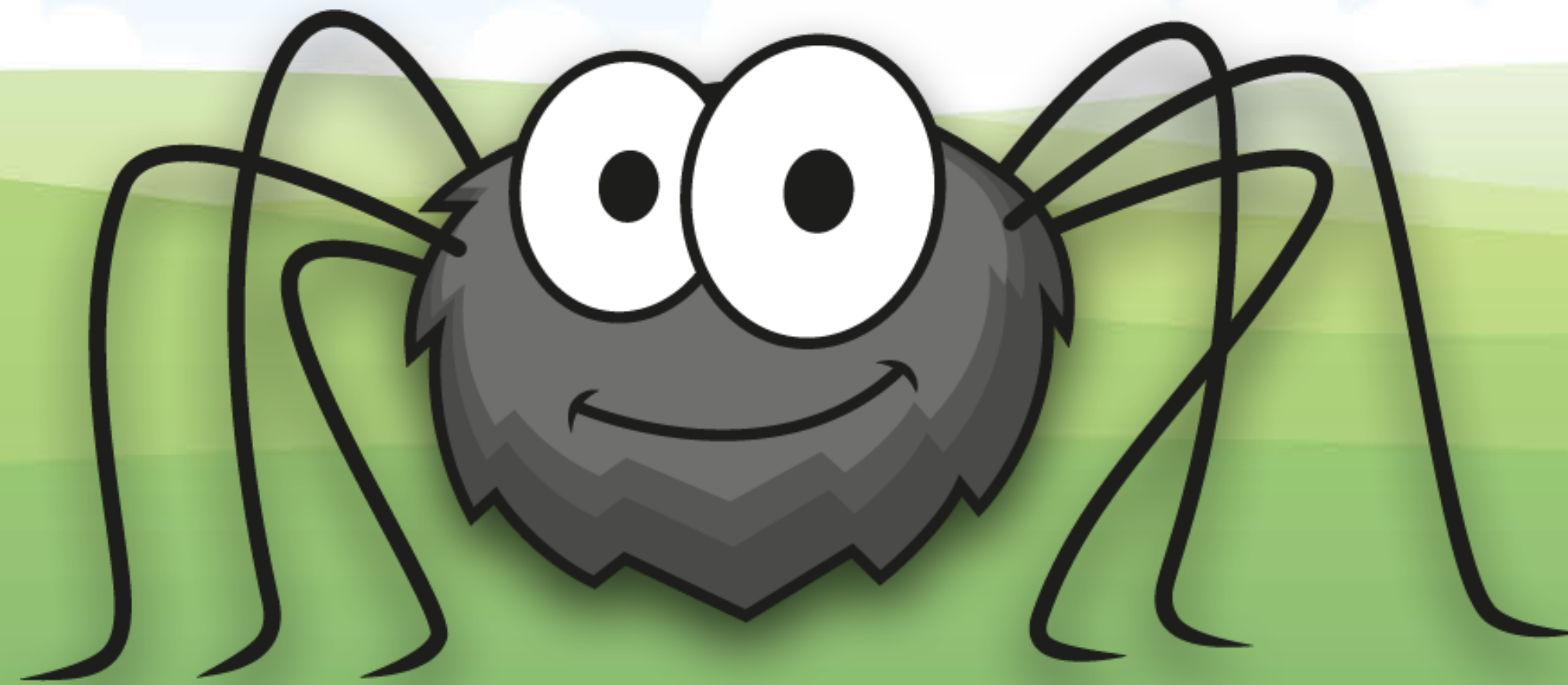
from,
Tom

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Where will you
begin with your
design for Tom?

What will you
have to think
about?



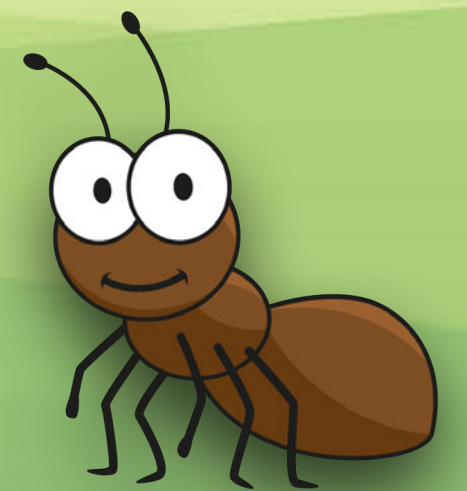
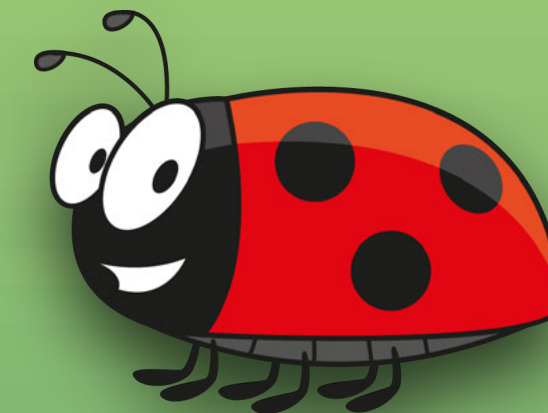
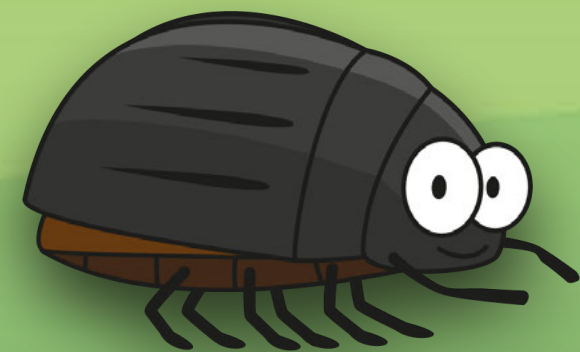
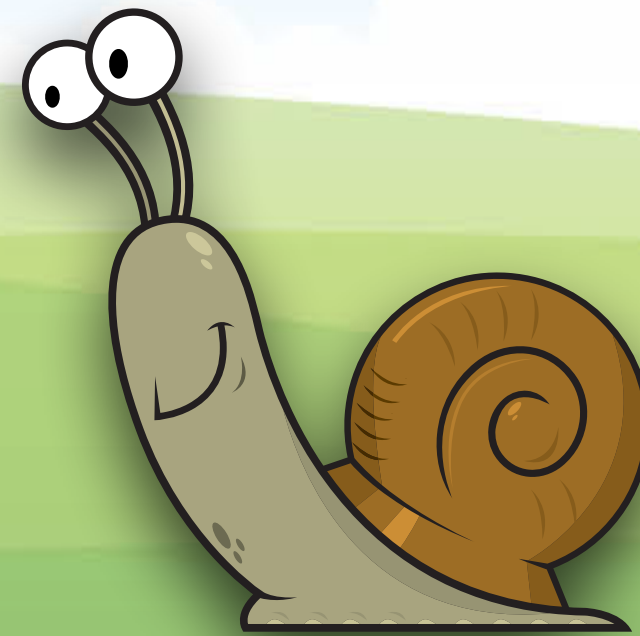
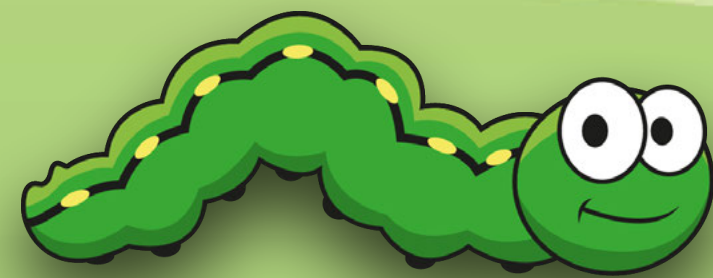
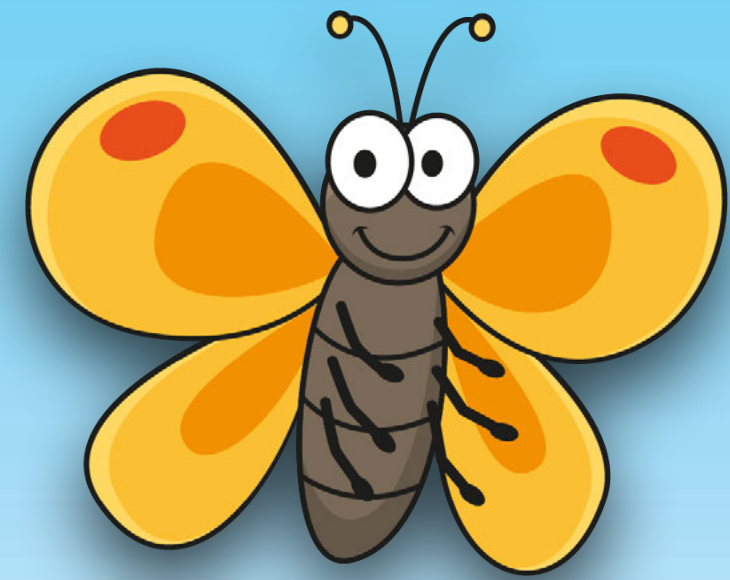
Think, pair, then share your ideas.

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Next

Your first decision should be which **minibeast** you want to use in your moving picture.



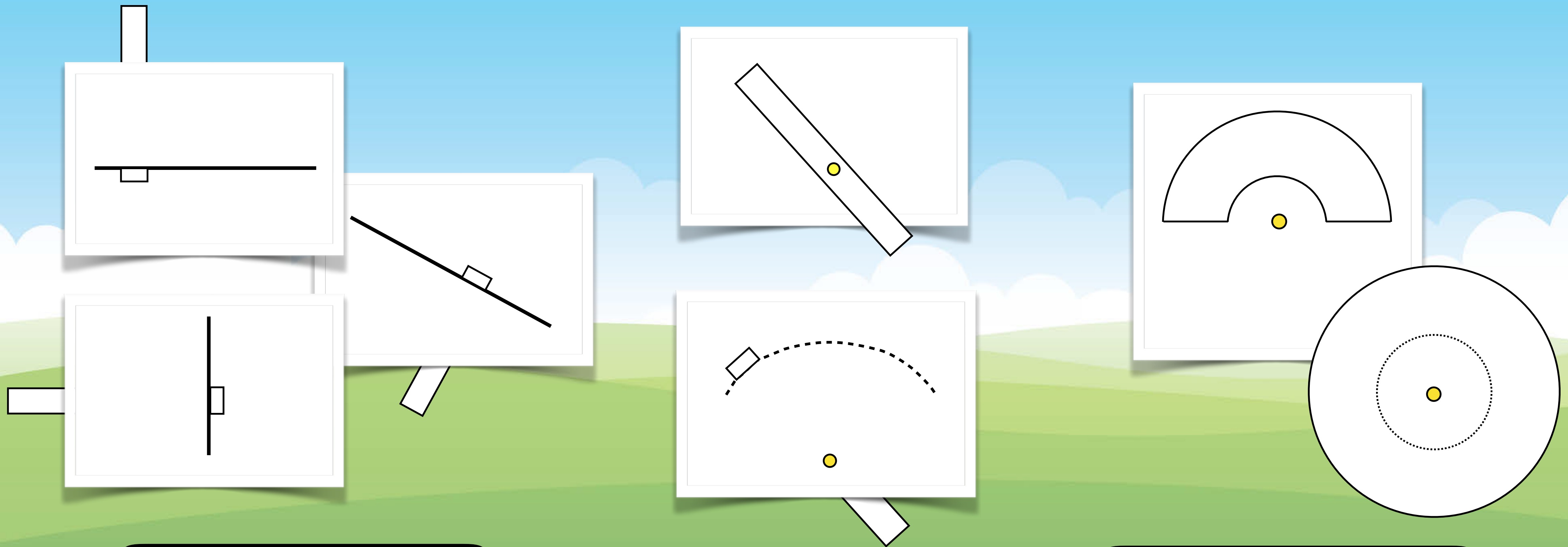
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(You can choose **any** minibeast - not just the ones pictured here!)

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Then you need to decide which **mechanism** will be best to show how your minibeast moves.



**sliding
mechanism**

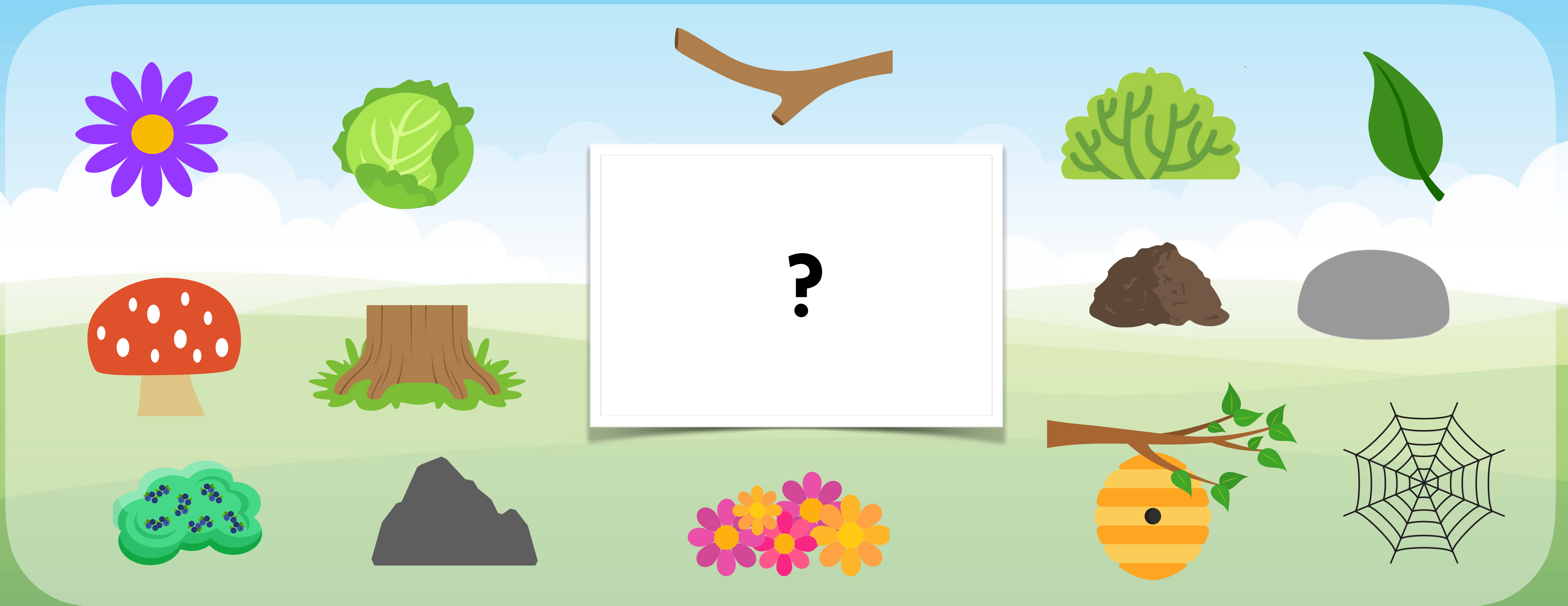
**lever & pivot
mechanism**

**wheel
mechanism**

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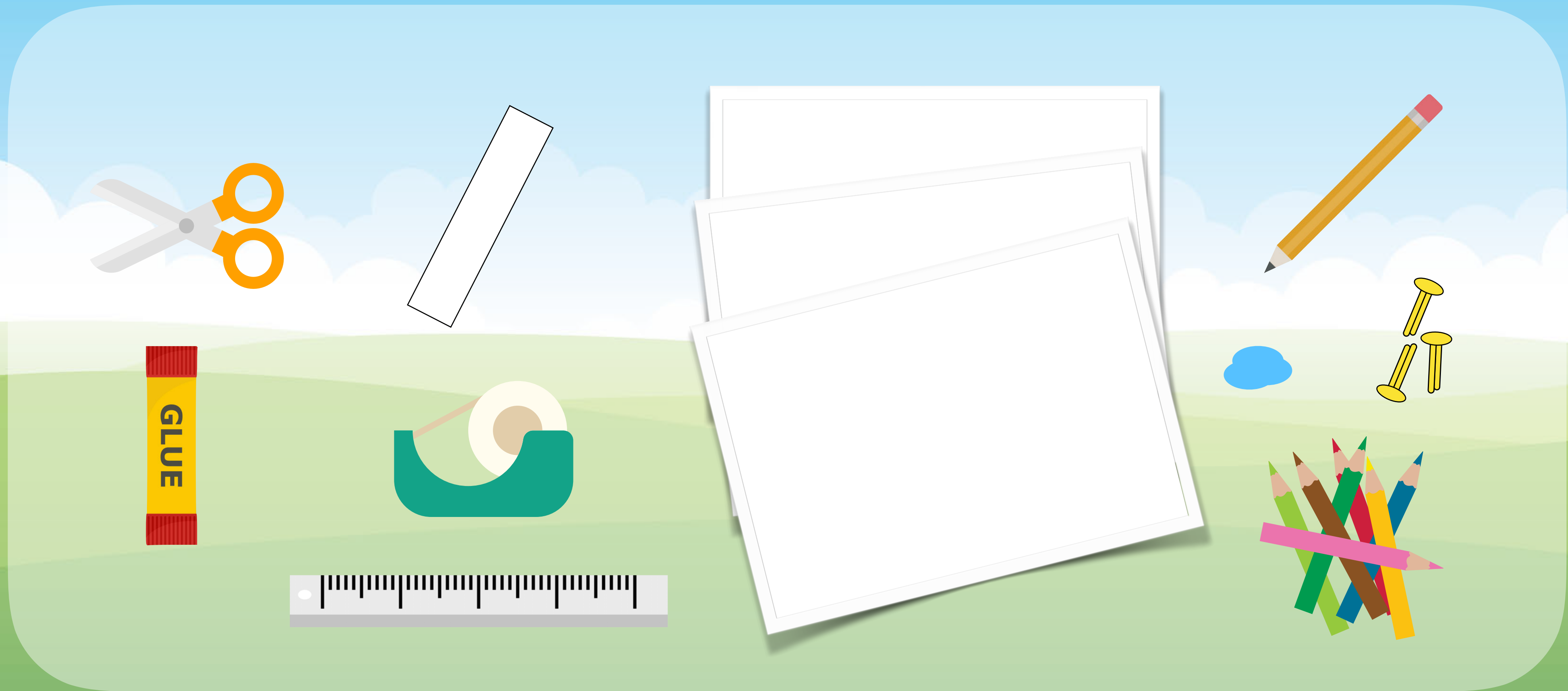
Then you need to think about what your **background scene** might look like, and what objects it might include.



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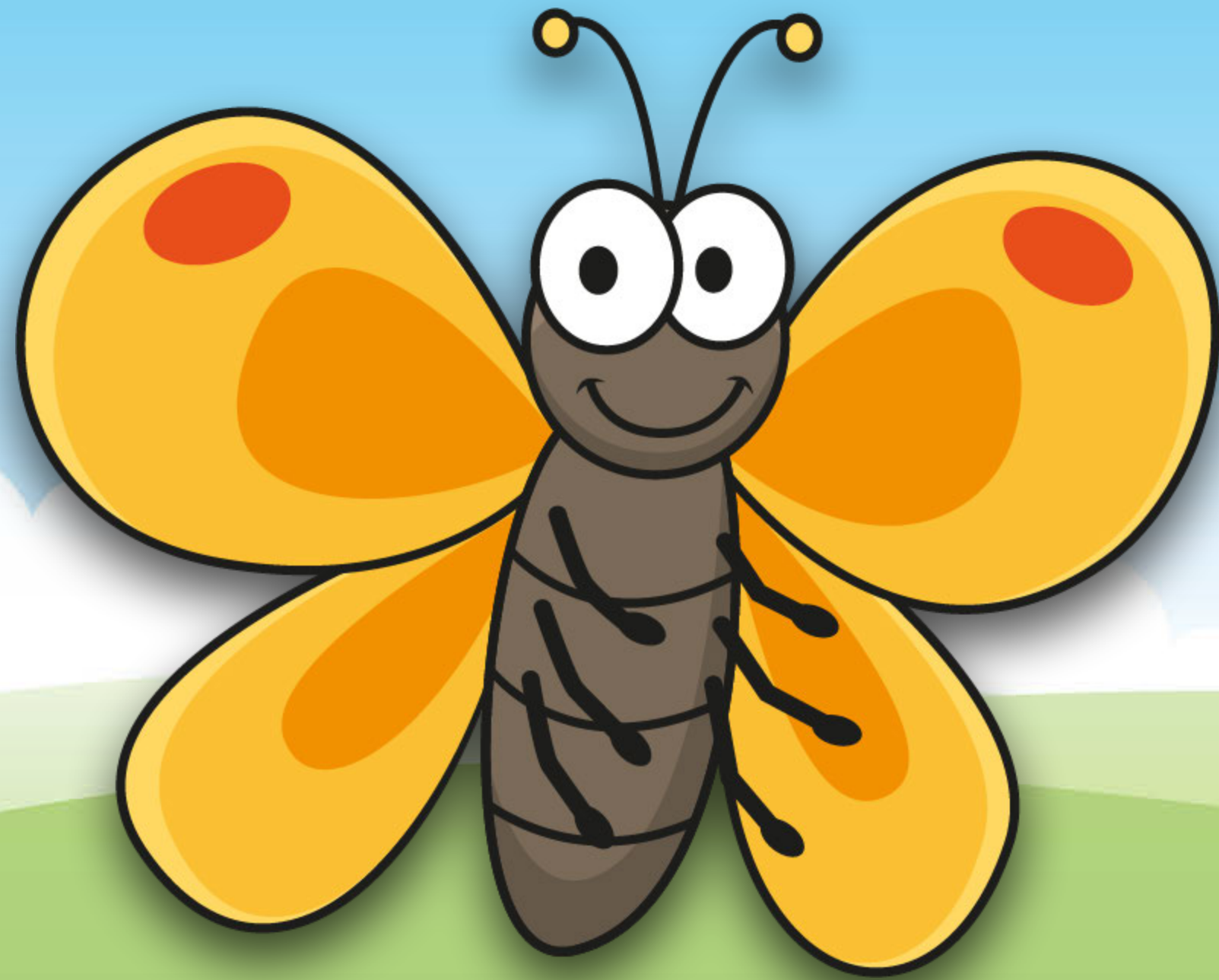
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Then you need to think about what **equipment** you will need to make your moving picture.



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With a partner, discuss your design ideas for a moving minibeast picture for Tom's book.

Now share your ideas as a class.

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Now it's time to make your
moving minibeast design!



Good luck!

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Next

Plenary:

Get into pairs!

Take it in turns to **ask each other** the following questions about your designs.

What type of mechanism have you chosen to use?

Can you describe how your minibeast will move?

What part of your design do you think might be tricky?

