LO: to know what plants need to grow

- I can describe how to plant a seed.
- I can suggest a question about plants and a way we could answer it.

Success Criteria

- I can plant a seed.
- I can write instructions to describe how to plant a seed.
- I can say a question we could ask about plants.
- I can tell a way we could use our equipment to find out the answer.

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Asking Questions

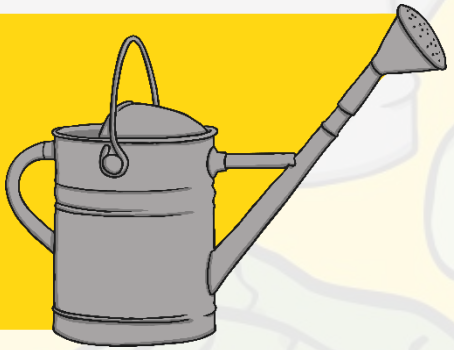
In the class today we have some interesting equipment.

We have…



seeds

watering cans



soil





pots

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Asking Questions

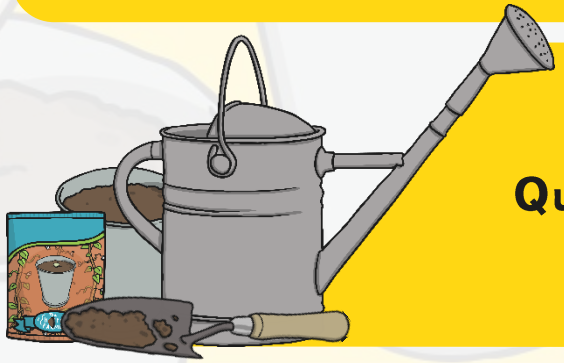


What could we do with our equipment?

What questions could we ask?

What could we find out?

See what ideas you and your partner can think of.

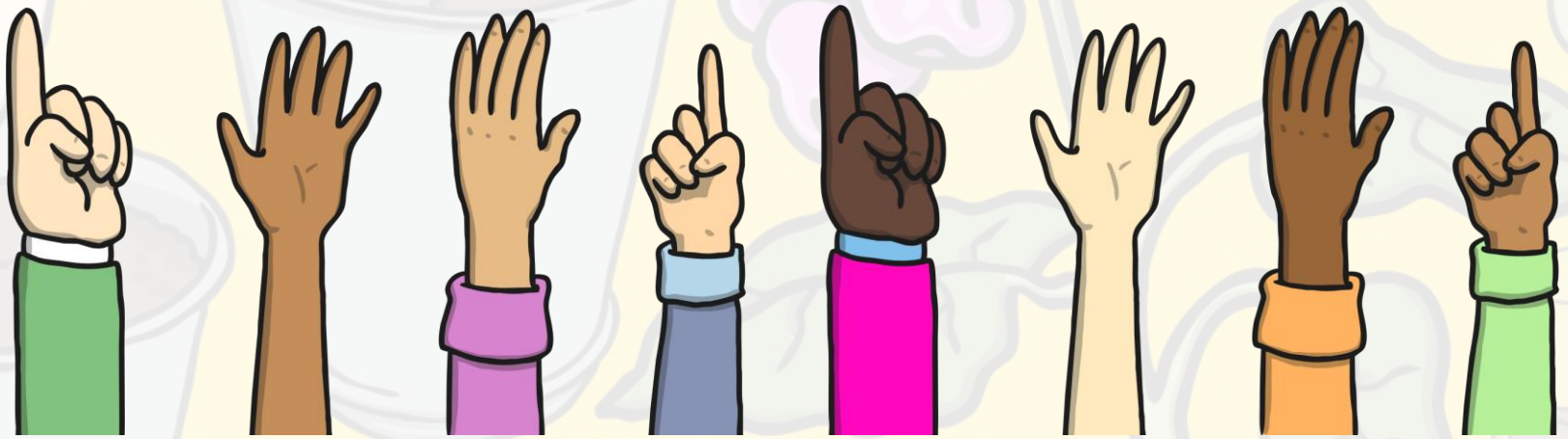


Question Words: How? When? Why? What?

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Asking Questions

What questions could we ask?



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Planting



We are going to plant some seeds.

We want them to grow big and strong.

I am going to put my bean into a cup.

Do you think it will grow?

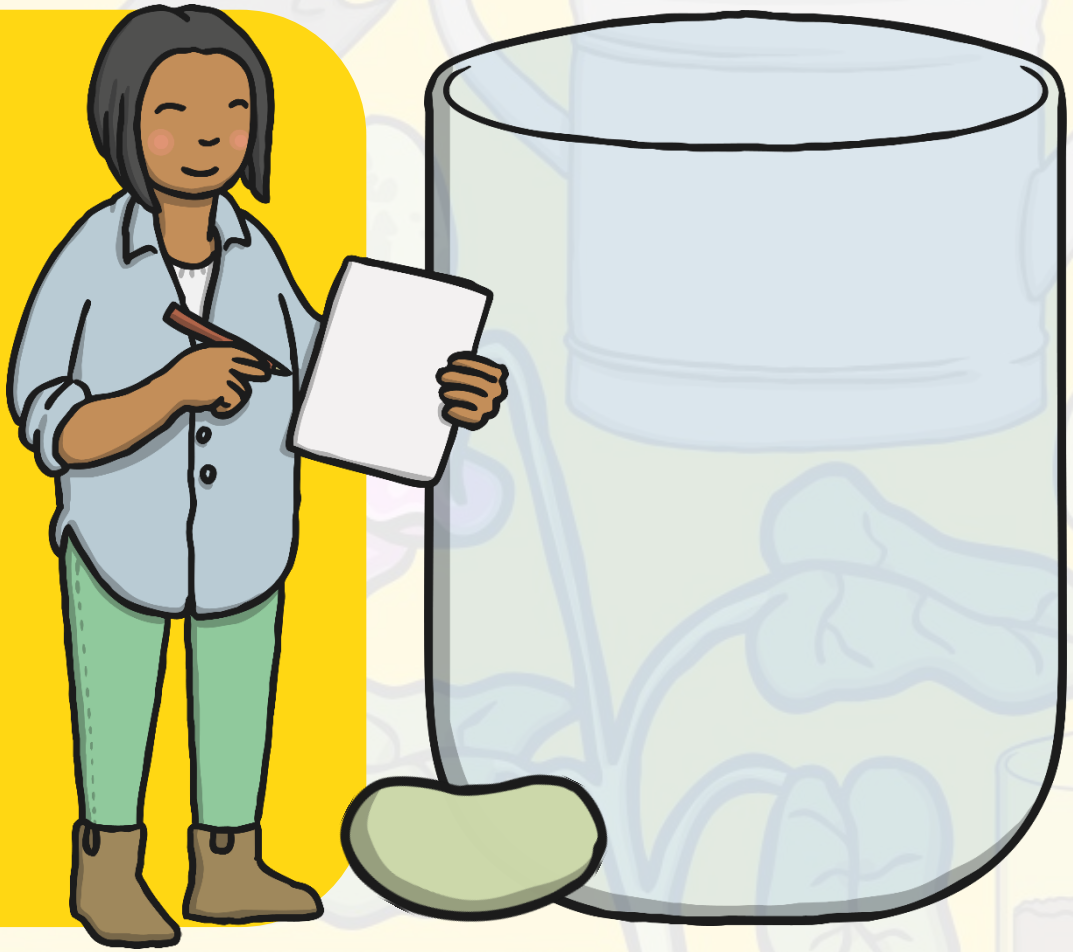


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Planting

What should I do to the seed to make it grow big and strong?

Write or draw on your whiteboards.



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Planting Seeds

What shall we do first?

Put some soil in your pot.



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Planting

What shall we do next?

Plant your bean inside the soil.



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Planting Seeds

What shall we do next?

Cover your seed with soil.



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What is next?

What shall we do now?

Give the seed some water.

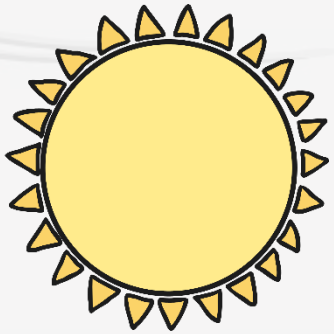
Not too much!



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What do seeds need?

What shall we do next?



Put the pot somewhere warm and sunny.



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But first we need to write a checklist.

1. I need a cup.
2. I will fill the cup with soil below the line.
3. I will put the beanstalk seed in the middle and push it in.
4. I will put more soil to cover the seed.
5. I will water the plant.
6. The plant needs sunshine.



Equipment – Cup, Soil, Seed, More soil, Water, Sunshine

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We will keep an eye on how your seed grows

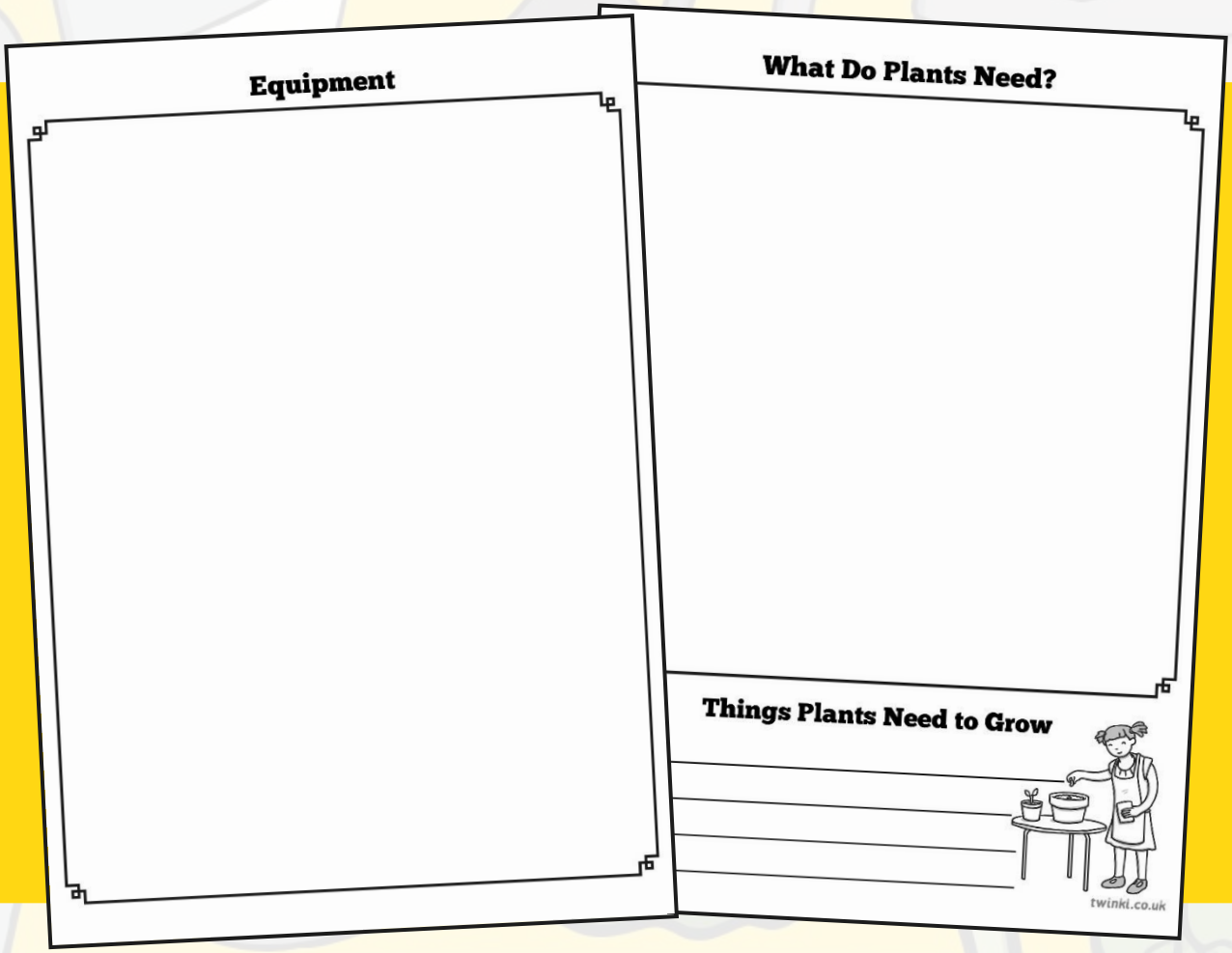
We are going to write a seed plant diary.

Every week, we are going to look carefully at the seeds and write down how they are growing.

At the end of six weeks, we can see how big they have grown and you can take them home!

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How to plant a seed.



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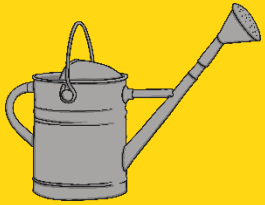
What Will Happen If...?

We had some interesting questions about out bean plants.

What will happen if we don't put the bean in any soil?

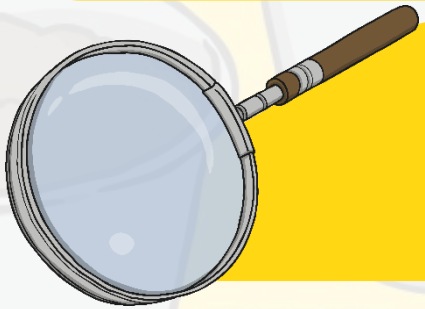


What will happen if we don't give the bean any water?



What will happen if we leave the bean in the dark?





How can we investigate these questions?

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What Will Happen If...?

What will happen if we don't put the seeds in any **soil**?



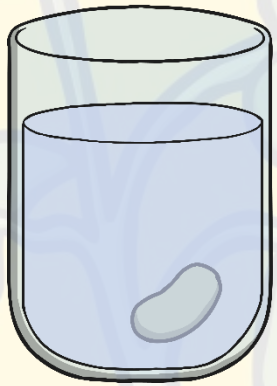
We will put a bean in a pot.

We will give it water.

We will put in in the light.

What will happen?





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What Will Happen If...?

What will happen if we don't give the seed any **water**?



We will put a bean in a pot.

We will plant it in soil.

We will put in in the light.

What will happen?





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What Will Happen If...?

What will happen if we put the seed in the **dark**?



We will put a bean in a pot.

We will plant it in soil.

We will give it water.

What will happen?



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