

Date: Monday 30 th March 2020	
Activity Title: How to grow a bean!	
Learning Intention: To notice changes over a period of time.	Activity Overview: The children will observe growth and changes over a period of time.
Links to EYFS: <i>Understanding the World: The World (30-50 months)</i> Develop an understanding of growth and changes over time.	
Equipment: <ul style="list-style-type: none"> • A broad bean • A jar/plastic cup/plant pot • Kitchen roll/ napkin 	Key vocabulary: bean, jar, water, napkin, grow, sun, change, time, care, seed, sprout, stalk, leaf, green.
ACTIVITY IMPLEMENTATION (including key question)	
<p>Introduction:</p> <ul style="list-style-type: none"> • Show your child the resources, see if they can name any. • Ask them to predict what they are going to do/ how they are going to use the resources. <p>Main Activity:</p> <p>https://www.youtube.com/watch?v=RTRW2Cf9U2U – Watch the video link together and discuss what you have observed.</p> <ul style="list-style-type: none"> • Talk through the necessary steps to grow a broad bean in a jar/pot. <ul style="list-style-type: none"> * Swirl a small amount of water around the jar. *Fold your napkin or kitchen roll and place in the jar (you may wish to slightly dampen your kitchen roll/ napkin). *Place the bean seed in the jar ensure it is resting on the napkin. *Add/ spray some water on the bean every few days. • Predict – <i>what will happen to the bean?</i> • Explain that growth happens over a period of time. <p>Activity review:</p> <p>Ask the children the following questions about the activity:</p> <p><i>What do you think will happen to the bean if we don't add water?</i></p> <p><i>What will happen if we give the bean water but not kitchen roll/napkin?</i></p> <p><i>What do you think will happen if we put the jar in a dark room?</i></p> <p><i>Do you think the bean will grow if we don't give it sunlight but light from a different source (torch, lamp)?</i></p> <p>Challenge:</p> <ul style="list-style-type: none"> • Make a daily diary to track the growth of the bean – draw a picture of your bean plant every day. 	
Additional ways to support your child: Visually model each step, whilst describing it verbally, before your child has a go. E.g. I'm going to put the napkin at the bottom of the jar like this. Can you have a go now?	Extension: Challenge your child to grow two beans under different conditions e.g. one in the light and one in the dark. Compare and contrast the growth of the two beans.