



| RHS Amazing Seeds Post Session Follow-Up Activities  |  |  |
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| What?  | Activity description   | Notes  |
| <p>How can we find out whose helicopter seed worked best?</p> <p>Comparative, fair testing (controlled investigations) and pattern seeking</p> | <p>Whose seed spinner won?</p> <p>Did the seed spinner travel furthest with:<br/>Pegs<br/>Paper clips<br/>Something else?</p> <p>Assist pupils to set up a <b>fair test</b> where some variables are kept the same.</p> <p><b>Pupils decide:</b><br/>What they will measure<br/>How they will record information</p> <p>Did the seed travel furthest if it was:<br/>Made of card<br/>Made of paper</p> | <p>Pupils will need to decide how a seed has to perform in order to win.</p> <p><b>Will the seed:</b></p> <ul style="list-style-type: none"> <li>• Travel the furthest</li> <li>• Reach the ground the quickest</li> <li>• Reach the ground the slowest</li> </ul> |
| <p>Pupils should use the local environment throughout the year to explore and answer questions about plants growing in their habitat.</p>      | <p>Go on a seed hunt to collect different seeds pupils find in the local area or school grounds</p>  | <p>Pupils could have maps of their local area, and record the plant seeds they see on their walk home from school and around their home on it.</p> <p>Use a <a href="#">spotter sheet</a></p> <p>Use a <a href="#">leaf spotter guide</a> to identify trees</p>    |



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| Pattern seeking                               | Ask pupils to sort seeds by how they think they have been dispersed.<br>They could use hand lenses to look closely and identify similarities in their features.                          | Pupils could investigate how far they can get different collected seeds to travel by wind.   |
| Look at methods of propulsion                 | Look at other examples of explosive seeds to follow on the investigation from sweet peas such as:<br><br>Squirting cucumber<br><br>Himalayan balsam seeds                                | Squirting cucumber<br><a href="https://www.youtube.com/watch?v=3G1arGl8RvA">https://www.youtube.com/watch?v=3G1arGl8RvA</a><br><br><a href="https://explorify.uk/en/activities/whats-going-on/super-seeds/classroom">https://explorify.uk/en/activities/whats-going-on/super-seeds/classroom</a><br><br><u>Explorify superseeds – exploding Himalayan Balsam seeds</u> |
| Create a device to fire seeds a long distance | Fill and empty balloon with dry seeds. Blow up and pop!<br><br>Experiment with an empty drinks bottle and the explosive seed spinner<br><br>Experiment with foot stamp and water rockets | <a href="#">Res-A-Make-a-seed-spinner-Explosive-template-2018 (rhs.org.uk)</a>   |
| Grow pea seeds                                | Grow pea seeds for pea shoots following the instructions on the resource Pea Head People or Creative Gardener  | <a href="#">Pea head people! / RHS Campaign for School Gardening Growing pea shoots with the creative gardener</a>   |
| STEM Ambassador webinars                      | The London STEM Ambassador Hub provides pre-organised webinars that teachers can join and show in their classroom. These cover a range of topics / careers. These are                    | <a href="#">Eventbrite</a>   |



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|                                    | free and can be found via our Eventbrite page.   |  |
| Further STEM Ambassador engagement | If you enjoyed hearing from the STEM Ambassador volunteer delivering this session, discuss with them whether there are any other ways they could support your school and your students learning. | If you'd like to feedback by email on your session please contact <a href="mailto:london-hub@stem.org.uk">london-hub@stem.org.uk</a> |