Sci 9 **Sexual Reproduction in Plants WS** Name:

1. Using your text book page 88, complete the life cycle of a tomato.



1. Label the diagram of the flower and complete the chart.



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| Term | Definition/ Function |
| Stamen |  |
| Anther |  |
| Pollen |  |
| Pistil |  |
| Style |  |
| Stigma |  |
| Ovary |  |
| Sepals |  |
| Pollination |  |
| Self-Pollination |  |
| Cross-Pollination |  |

1. Why are flowers often brightly coloured?
2. Name at least three different types of pollinators.
3. If the petals of a flower are reduced or absent, how do you think the plant is pollinated?
4. Some flowers are not brightly colored at all, but have a very pungent odor that smells like rotting meat. How do you think these flowers are pollinated?
5. What part of the flower becomes the fruit?
6. Why would a plant invest so much energy into making fruit?