## $0,1,1,2,3,5,8,13,21,34,55,89,144,233,377,610,987$

## Investigating real flowers

## Ground rules:

- Stay with your class group. Don't wander off and join another class.
- Take care on the roads around school. Always use the crossings and look both ways for traffic yourself. Don't assume someone else is looking.
- Watch your step on uneven ground. Stay away from and do not startle cows.
- You may pick one daisy, do not pick any other flowers.

Watch out for nettles and brambles. Let your teacher know BEFORE going out if you have a history of experiencing strong allergic reactions to bites or stings.


Image by Gini George from Pixabay (fuscia)

| Plant <br> (name or description) | What are you counting? <br> (e.g. petals, leaf segments, stamens etc.) | How many? | Fibonacci <br> number <br> (Y/N) |
| :--- | :--- | :--- | :--- |
| Daisy | Petals |  |  |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |

How reasonable is it to say that Fibonacci numbers are common in nature?


The Golden Ratio (1.618 to 3d.p.) in me


[^0]

Images from: $\underline{\text { https://www.slideshare.net/vayappurathu/fibonacci-sequence-and-golden-ratio-10748409 } \text {, https://golden-ratio.club/golden-ratio-in-people, }}$ https://www.youtube.com/watch?v=c8ccsE_IumM


XPRESS REFLECT

## Reflecting on my inquiry

| Something interesting I learnt in this topic <br> (or maybe something that surprised me) |  |
| :--- | :--- |
|  |  |
| What I thought I did well |  |
|  |  |
| What I thought I could do better |  |
| Something I would have liked to find out <br> more about if we had more time |  |
| How did I feel about doing extended inquiry <br> in Maths? <br> [Did it change the way I relate to Maths? <br> Was it exciting/ interesting/ <br> uncomfortable/liberating/ boring/ <br> challenging etc] |  |

## FOSIL: Learning by finding out for yourself.

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Name
Class
Date
Reflecting on my inquiry

| Something interesting I learnt in this topic <br> (or maybe something that surprised me) |  |
| :--- | :--- |
|  |  |
| What I thought I did well |  |
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