

Beginning of the Universe

Research: **Galaxies**

1. How are galaxies formed?
2. How many galaxies are in the Universe?
3. How far away are other galaxies from our galaxy?
4. What is our galaxy called, and what is in it?
5. If we have never been to another galaxy, how can we know what they look like?
How can we know that they even exist?



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Research: **Stars**

1. How many stars are there in our Solar System?
Our galaxy? The Universe?
2. What are stars made out of? How are they formed?
3. What are the different types of stars? Which types might support life on other planets?
4. What is the life cycle of a star? What happens when a star dies?
5. Could one star hit another star? If it did, what would happen?



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Research: **Space**

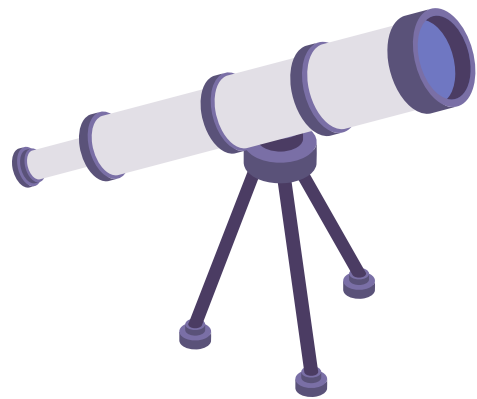
1. Is there life on planets other than Earth?
Could there be life on other planets that we do not know about yet?
2. Is there water in space?
3. Are there volcanoes in space?
4. What is a black hole?
5. What is space plasma?



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Research: **Scientists**

1. Which scientist (or scientists) have developed theories about the beginning of the Universe?
2. When did they first develop their theory?
3. When did it become accepted as a possibility?
4. If there is only one theory, explain the theory in your words.
5. If there is more than one theory, how are they different?



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