

## Seeing the Milky Way Galaxy

Watch the video entitled *Seeing the Milky Way Galaxy* and answer the questions below.

Q1 Name the part of the spectrum that humans can see objects in.

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Q2 Identify the name of our galaxy.

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Q3 Explain the reason why parts of our galaxy can appear dark.

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Q4 List the other forms of the spectrum that were named in the video.

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Q5 Identify a reason why telescopes were placed into orbit around Earth.

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Q6 Identify what the telescope in x-ray mode enabled scientists to see.

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Q7 What 'mysterious' objects are telescopes allowing scientists to study?

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Q8 Where is the location of the black hole in the Milky Way?

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Q9 Describe how scientists were able to find the black hole.

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Q10 How large is the black hole?

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