

# **Ciências**

**5ºano – Profa.: Patrícia Sommerfeld**

**Exercícios**

**1)** Defina Corrida Espacial.

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**2)** Defina SATÉLITE.

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Quando foi lançado o primeiro satélite no espaço? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3)** Os soviéticos construíram então o Sputnik 2 e nele lançaram a cadela Laika, o primeiro ser vivo a orbitar a Terra a bordo do foguete soviético, em novembro de 1957. Qual foi a importância desse experimento científico?

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**4)** A primeira viagem tripulada ao espaço foi em 1961.

a) O significa **viagem tripulada**?

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b) Qual foi o primeiro homem a ir ao espaço?

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**5)** Em 1961 os Estados Unidos iniciaram o Programa Apollo com o objetivo de levar o homem à Lua.

a) Quando o homem chegou a Lua?

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b) Quantos dias a Apollo 11 demorou para chegar à Lua?

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b) Todos os tripulantes da Apollo 11 pisaram na Lua? Explique.

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d) Quanto tempo eles permaneceram em solo lunar?

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**6)** Diferencie ATERRISSAGEM de ALUNISSAGEM (ALUNAGEM).

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**7)** A Lua é o único astro visitado por seres humanos.

a) Quantas vezes o homem foi a Lua?

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b) Quais foram as missões que chegaram à Lua?

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c) Quando essas missões chegaram à Lua?

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d) Quando se encerrou o Programa Apollo?

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**8)** De quem são as famosas frases abaixo:

a) “ **A Terra é Azul**”.

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b) **“um pequeno passo para um homem, um grande passo para a humanidade”**.

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**9)** Cite exemplos de equipamentos ou materiais criados pelos cientistas que foram usados pelos astronautas e, posteriormente, adaptados à nossa vida nos dias de hoje.

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**10)** Por que os astronautas levaram **comida desidratada** nas viagens espaciais? Explique.

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