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# The broken sofa

**1. Why do Alina and Lilu fall from the sofa?**

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**2. What would happen if the children sat on the broken sofa again?**

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**3. Work in small groups:**

**a)** There are sofas that have very short legs and those that have long legs.

Question: Do the children fall from both types of sofas?

**b)** Design a test that can help you look at the relationship between the length of the sofas legs and the children falling from the sofa if one leg is broken.

Material:

* doll's house sofas with short and long legs or alternatively build your own sofa with a piece of wood and e.g. matches or bottle corks as sofa legs
* a counter/game piece
* glue

**Make a drawing of your experiment:**



**Experiment:**

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**Answer:**

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