

Hanging a spoon from your nose

From the Flying Circus of Physics website¹: “Clean a lightweight spoon and the skin on your nose, breathe lightly onto the interior surface of the spoon’s bowl and then hold it so that the surface rests against your nose. Test for adherence by repositioning the spoon and partially releasing it. When you feel it hold, let it go. There, just what you’ve always wanted: A spoon dangles from your nose. Who can resist you now?”

- Explain the relevance of this to friction on an inclined plane.
- Find, e.g. by taking two photographs with and without spoon what the angle of the inclined plane is.
- What can you say about the coefficient of friction of your nose?

¹The flying circus of physics: with answers. John Wiley and Sons (2006).

www.flyingcircusofphysics.com.