Praticando le Scienze della Terra
26 gennaio 2018
Dipartimento di Scienze della Terra

# La crosta terrestre e i suoi movimenti

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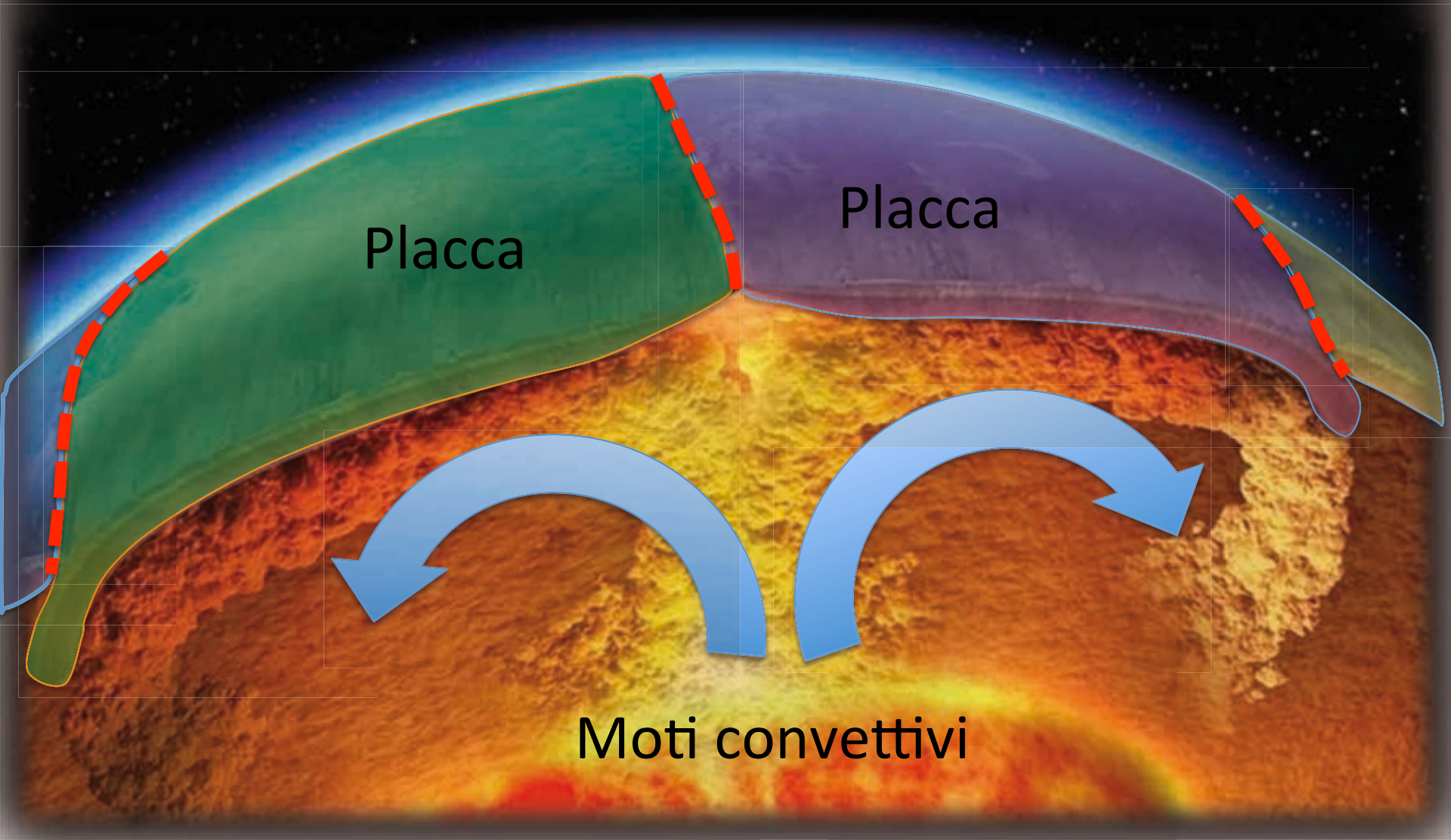
# La crosta terrestre

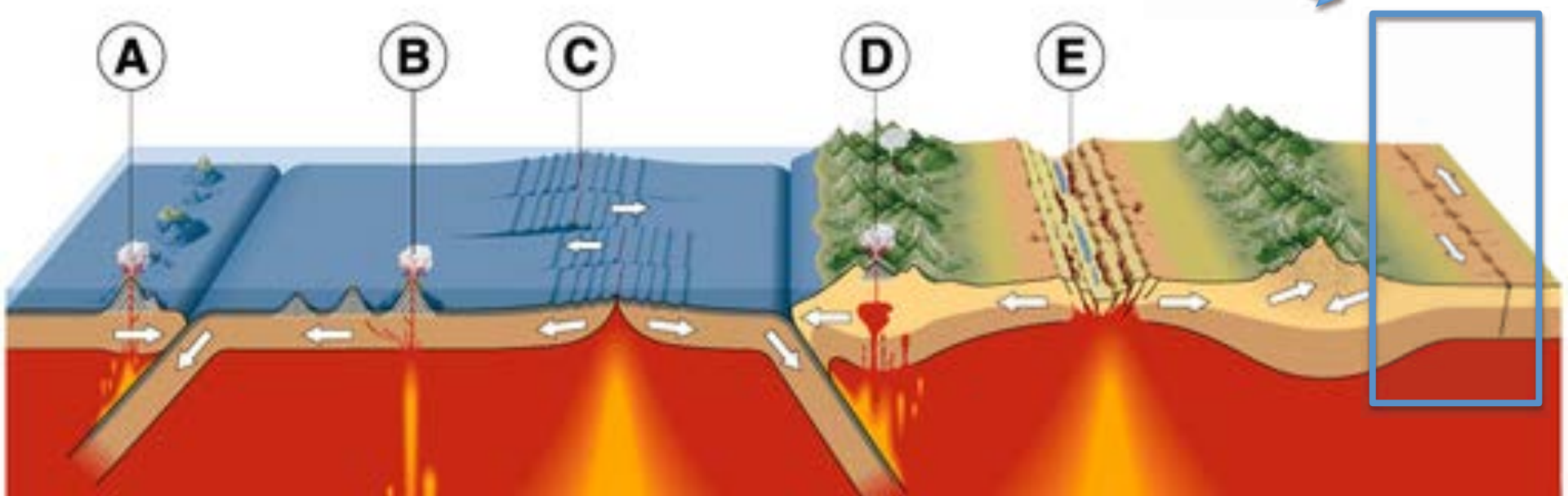


# I movimenti della crosta

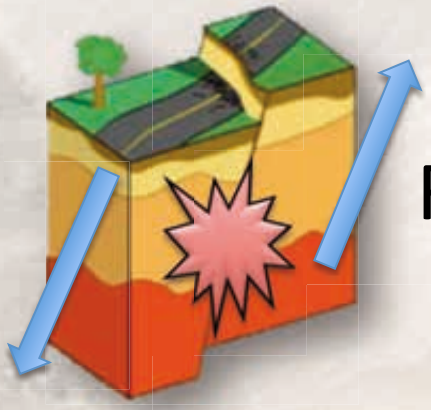
Margini costruttivi o divergenti (C,E)

Margini distruttivi o convergenti (A,D)

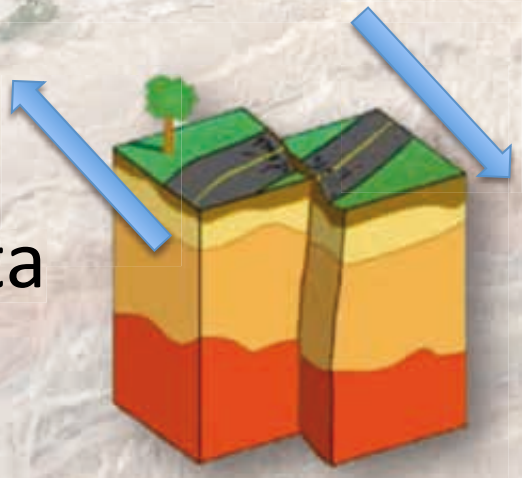
Margini conservativi



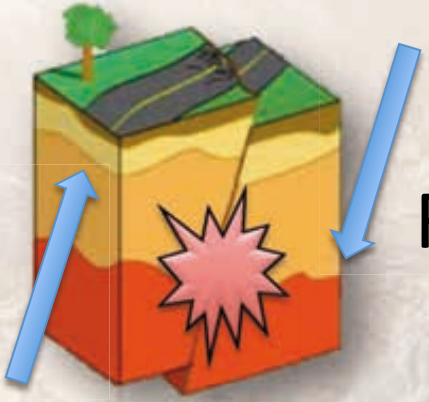
# Deformazione e rottura delle rocce



Faglia diretta



Faglia trascorrente

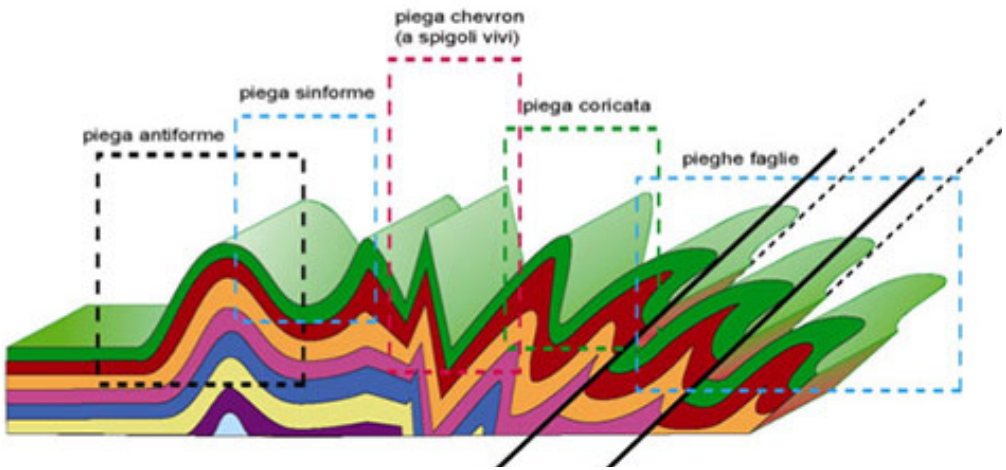


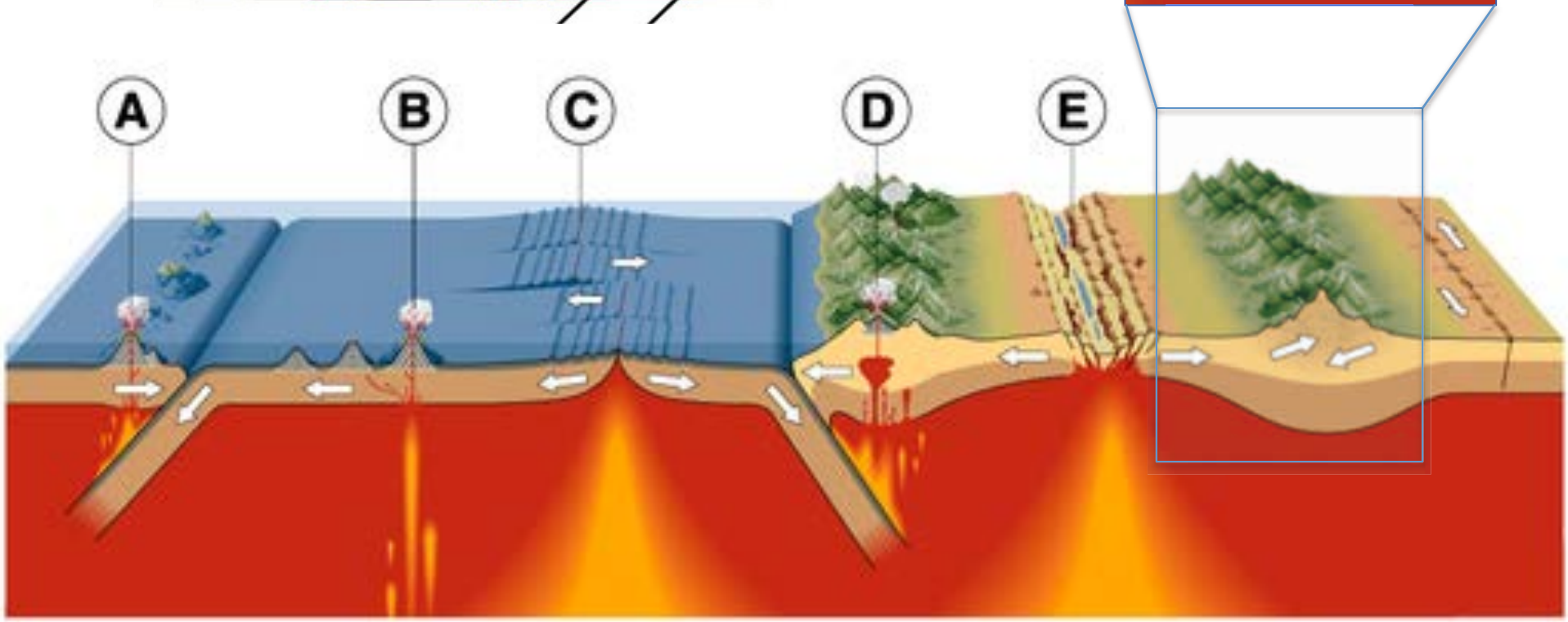
Faglia inversa

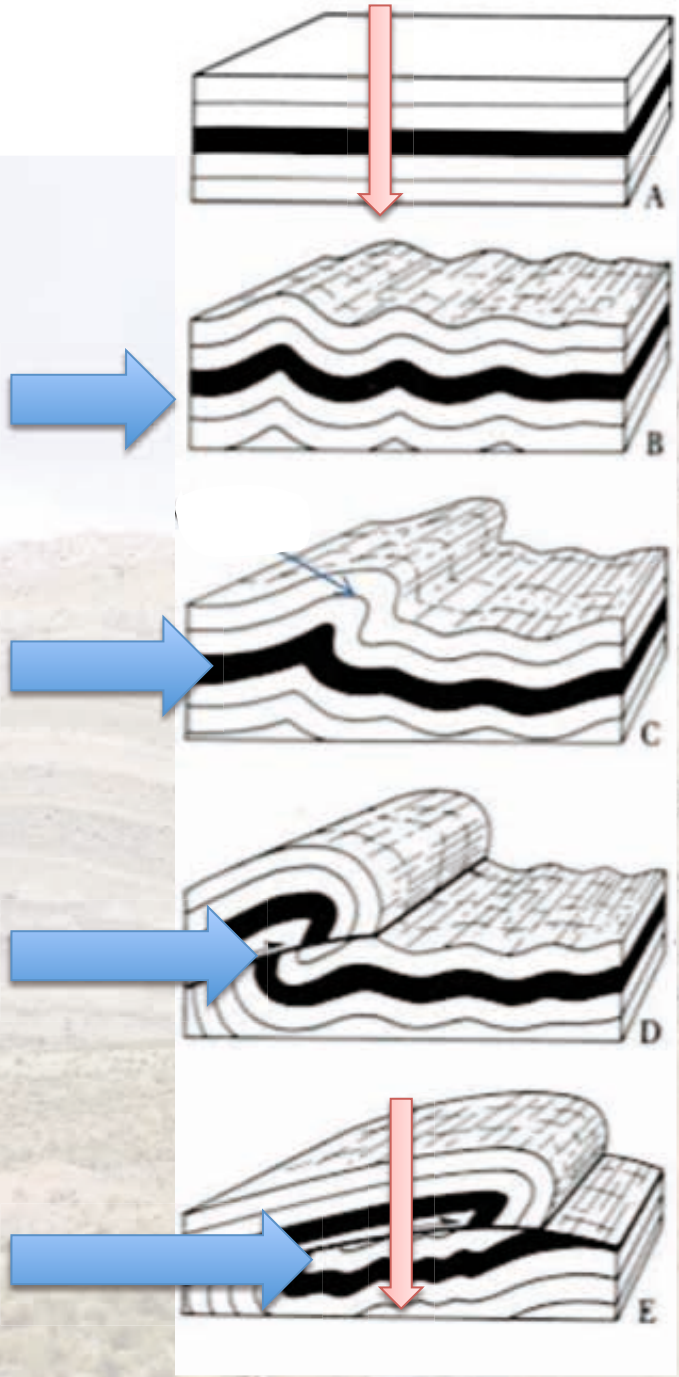
Terremoti

# Le pieghe

# Che mi aspetto?

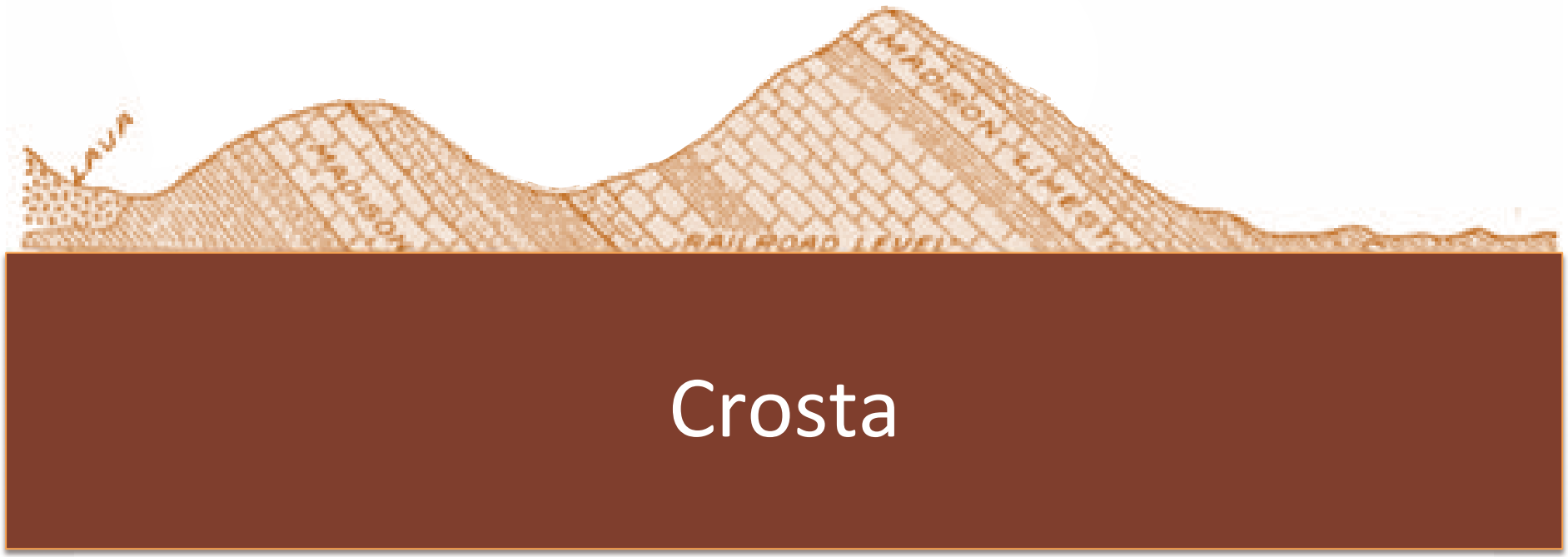




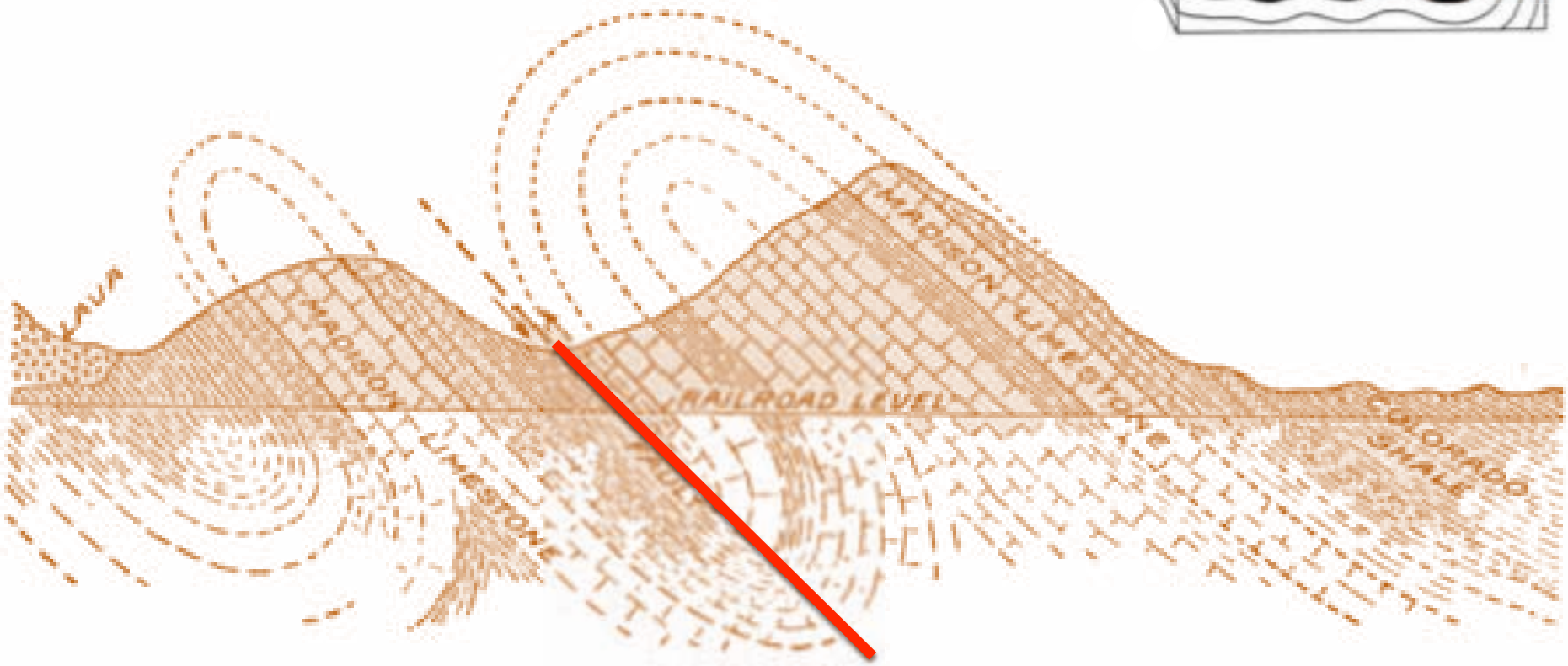

A
B
C
D
E

AGS

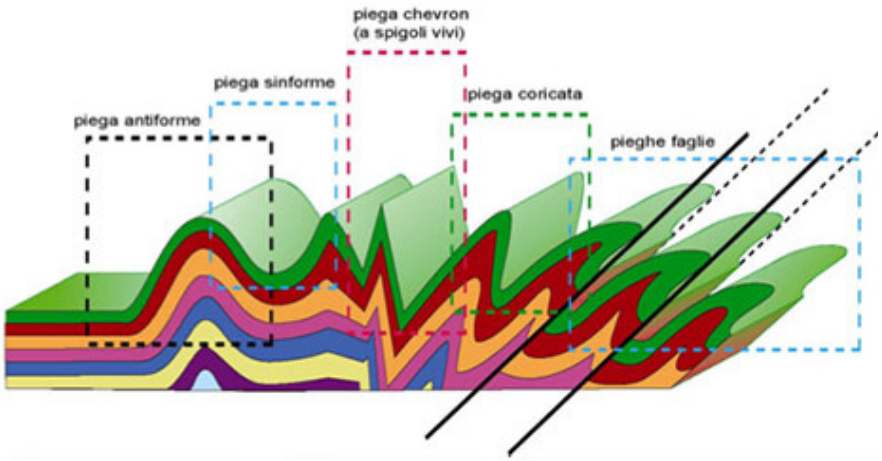
# L’origine delle montagne



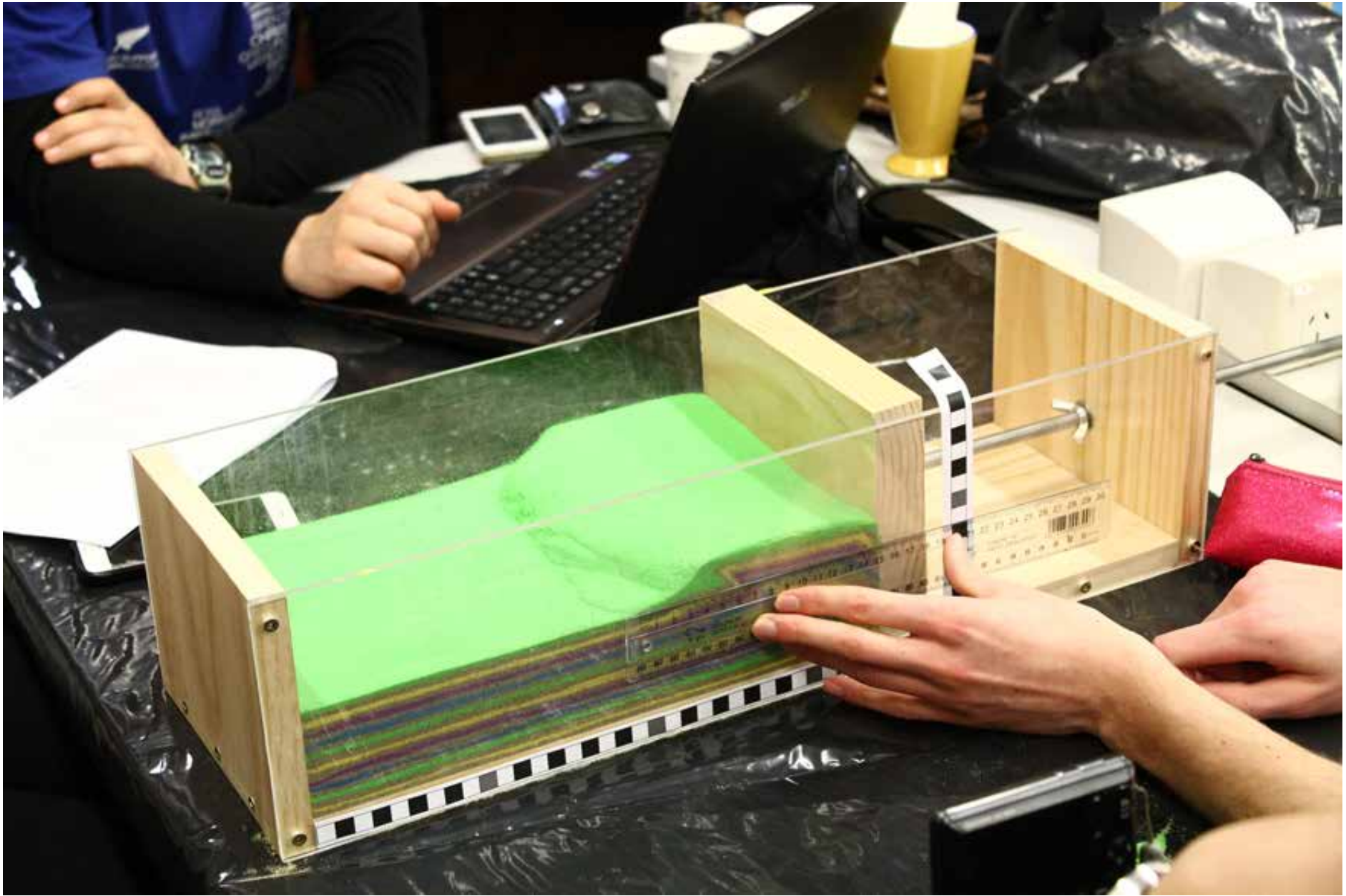
# L’origine delle montagne



# Esperimento con la sandbox



# La sandbox

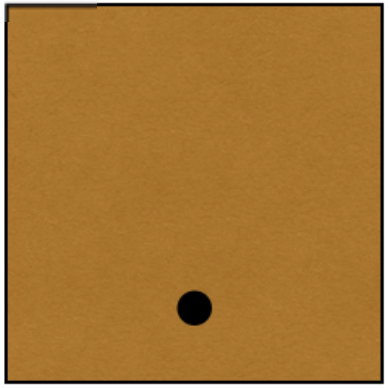


# Materiale per la costruzione della sandbox

1 tavola di legno: 50x20x2,5 cm
2 tavole di legno: 20x20x2,5 cm
1 tavola di legno: 15x20x2,5 cm
1 tavola di legno: 5x20x2,5 cm
1 tavola di legno: 5x10x2,5 cm
1 tavola di legno: 5x8x2,5 cm
2 lastre di plexiglas: 500x225x5 mm
1 tubo di plastica: 2x15 cm
1 tubo filettato: diametro 8 mm
1 bussola per legno: diametro 8 mm
25/30 viti testa fungo: 4,2x16 mm
20 viti testa svasata: 4,2x30 mm
3 lastrine piegate a “L”: 35x80 mm
5 dadi: diametro 8 mm
1 dado con rondella girevole: diametro 8 mm
1 tubetto di silicone trasparente
Nastro isolante
Sabbia
colorante

# Come costruire la sandbox

1



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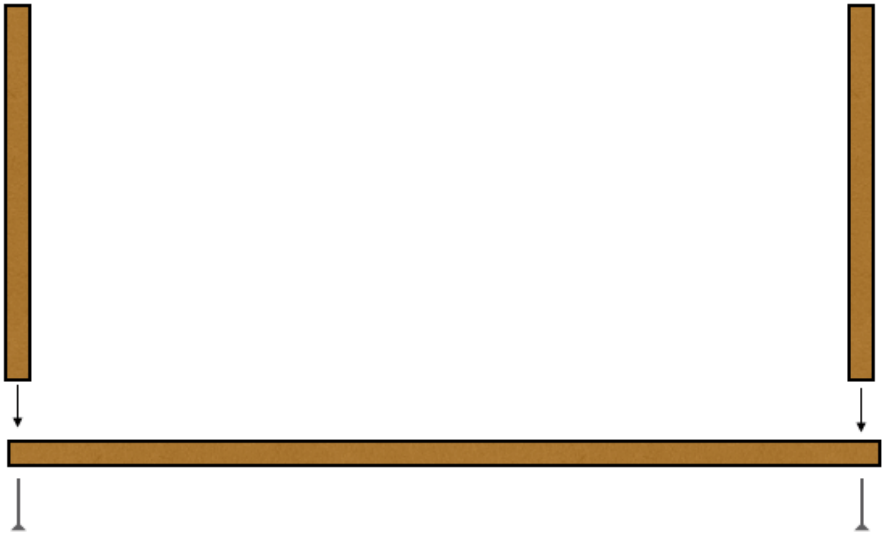

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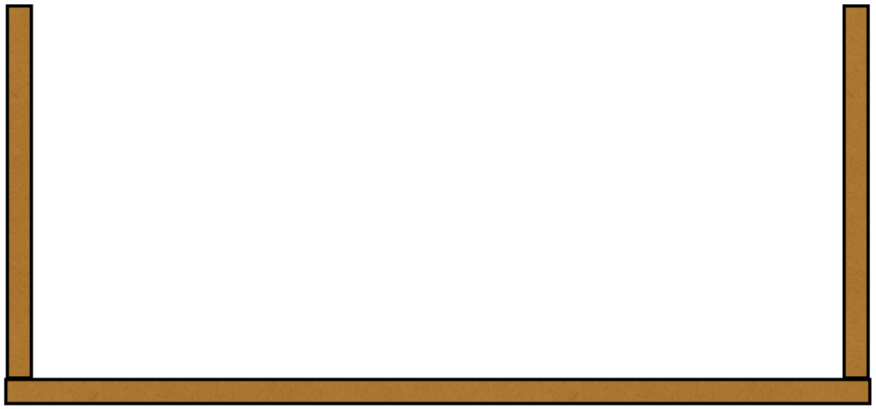

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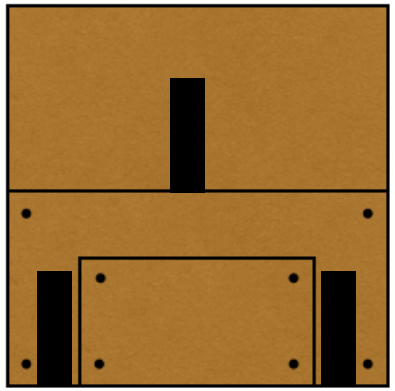
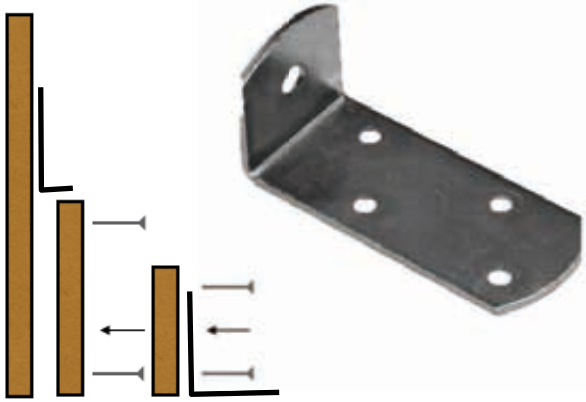
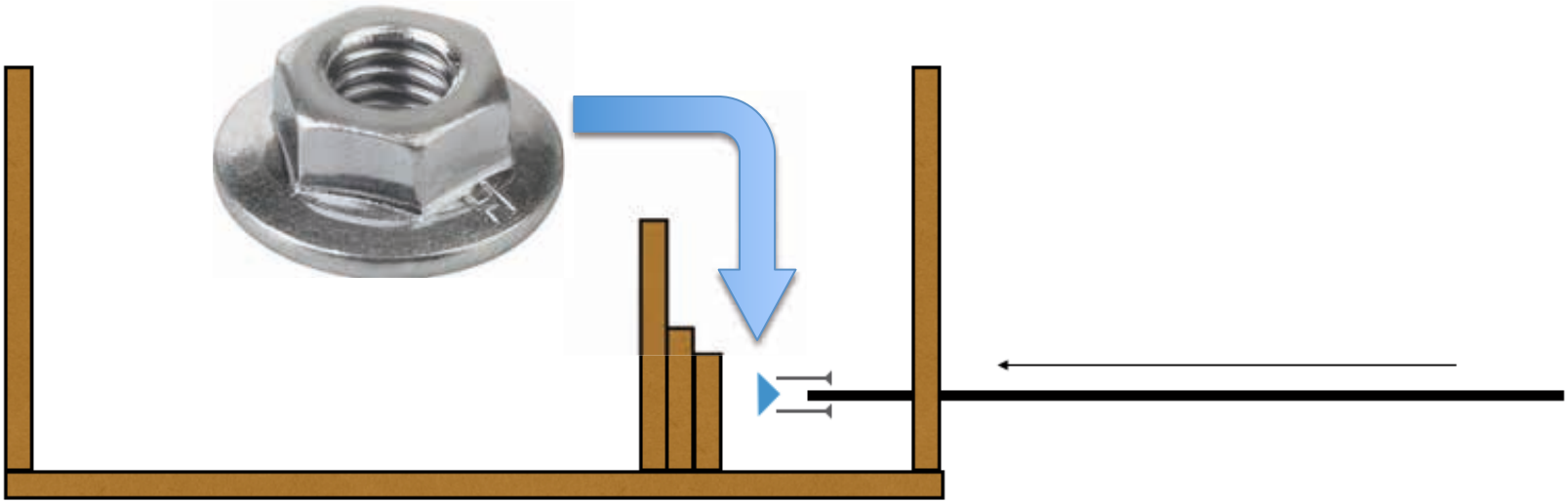




5



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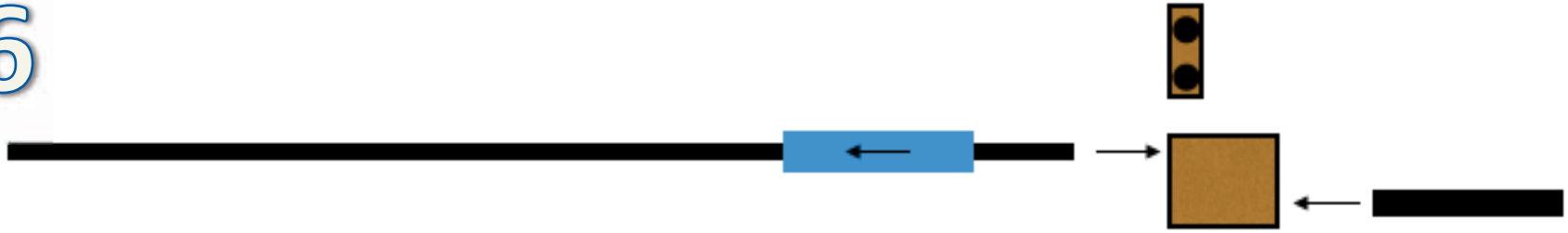

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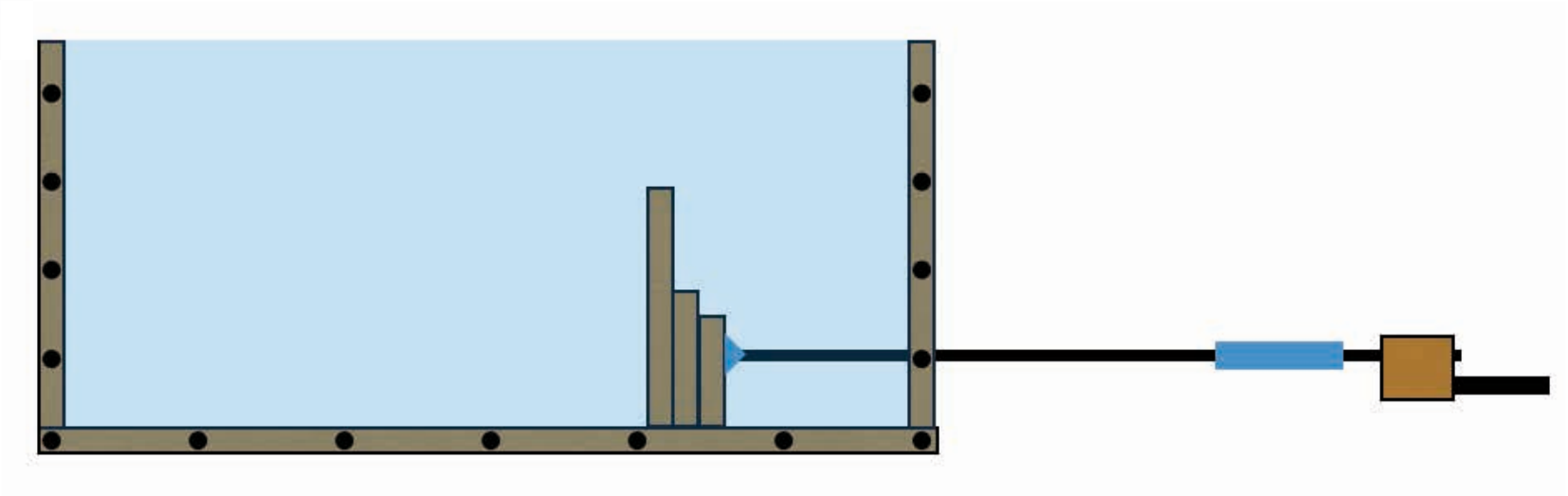

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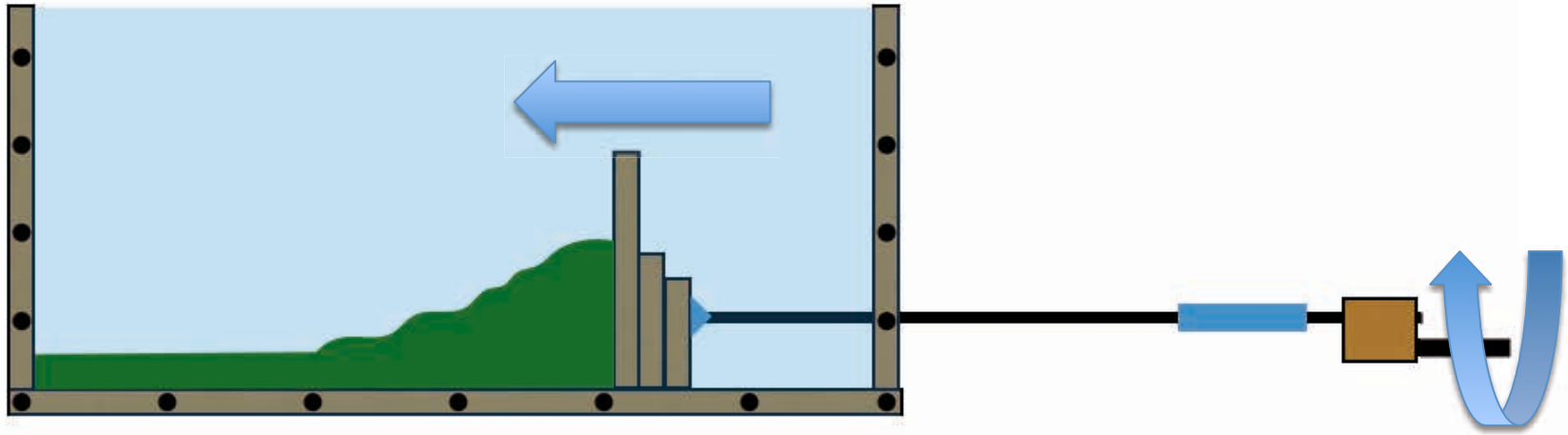

# L’esperimento

# Consigli

Sabbia fine e asciutta!

Non usare il vetro!

Ogni livello di sabbia deve avere pochi mm di spessore

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# Grazie per l'attenzione!