Progetto finanziato da Università degli Studi di Verona, con il sostegno di Fondazione Cariverona

PROGETTO PrEmT

PREVENZIONE EMOTIVA E TERREMOTI NELLA SCUOLA PRIMARIA

Raccanello, D., Vicentini, G., & Burro, R. (2021). *Prevenzione emotiva e terremoti. Un percorso per bambini.* McGraw-Hill.

UNITÀ 1

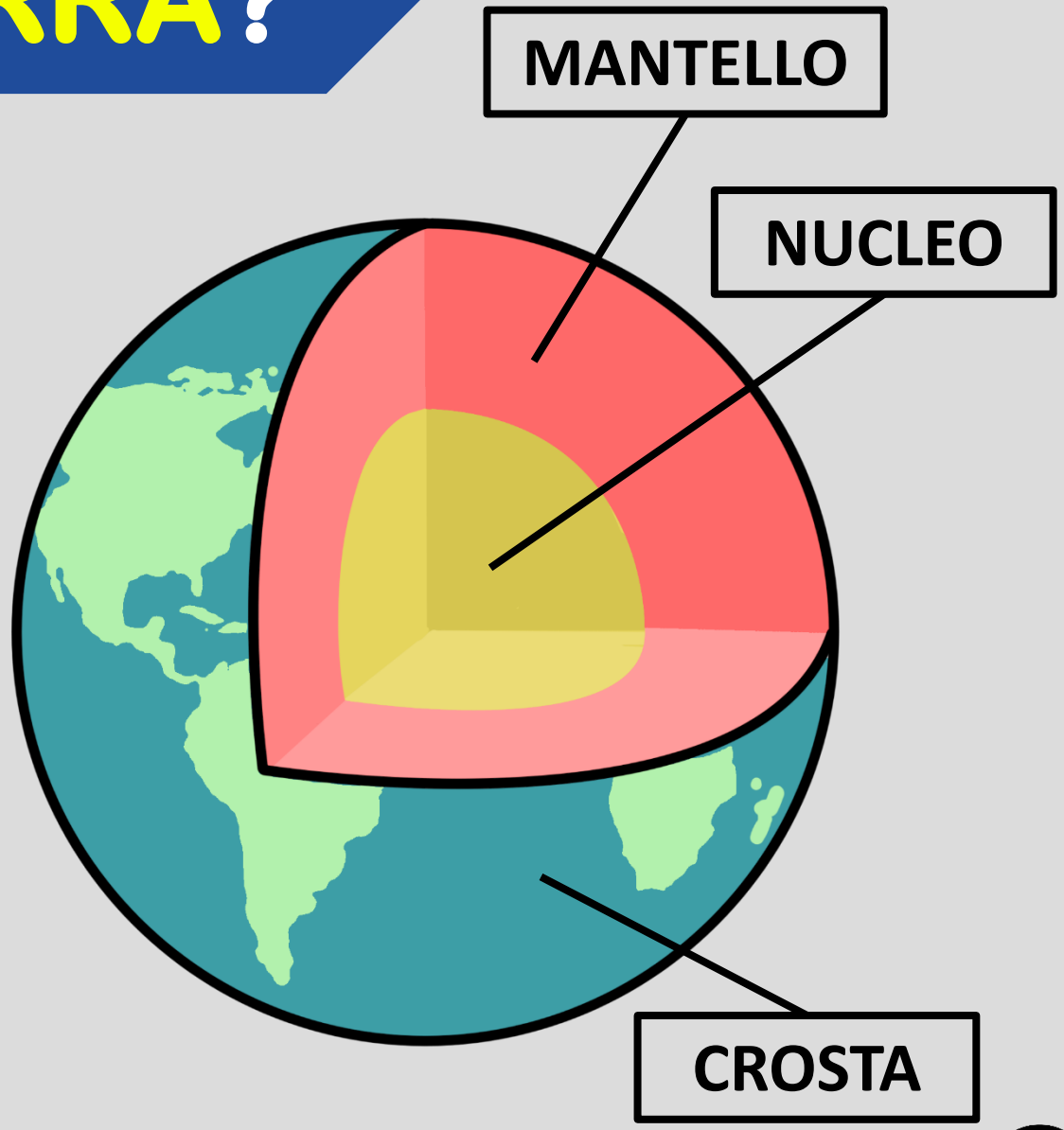
COSA SONO I TERREMOTI?

COME È FATTA LA TERRA?

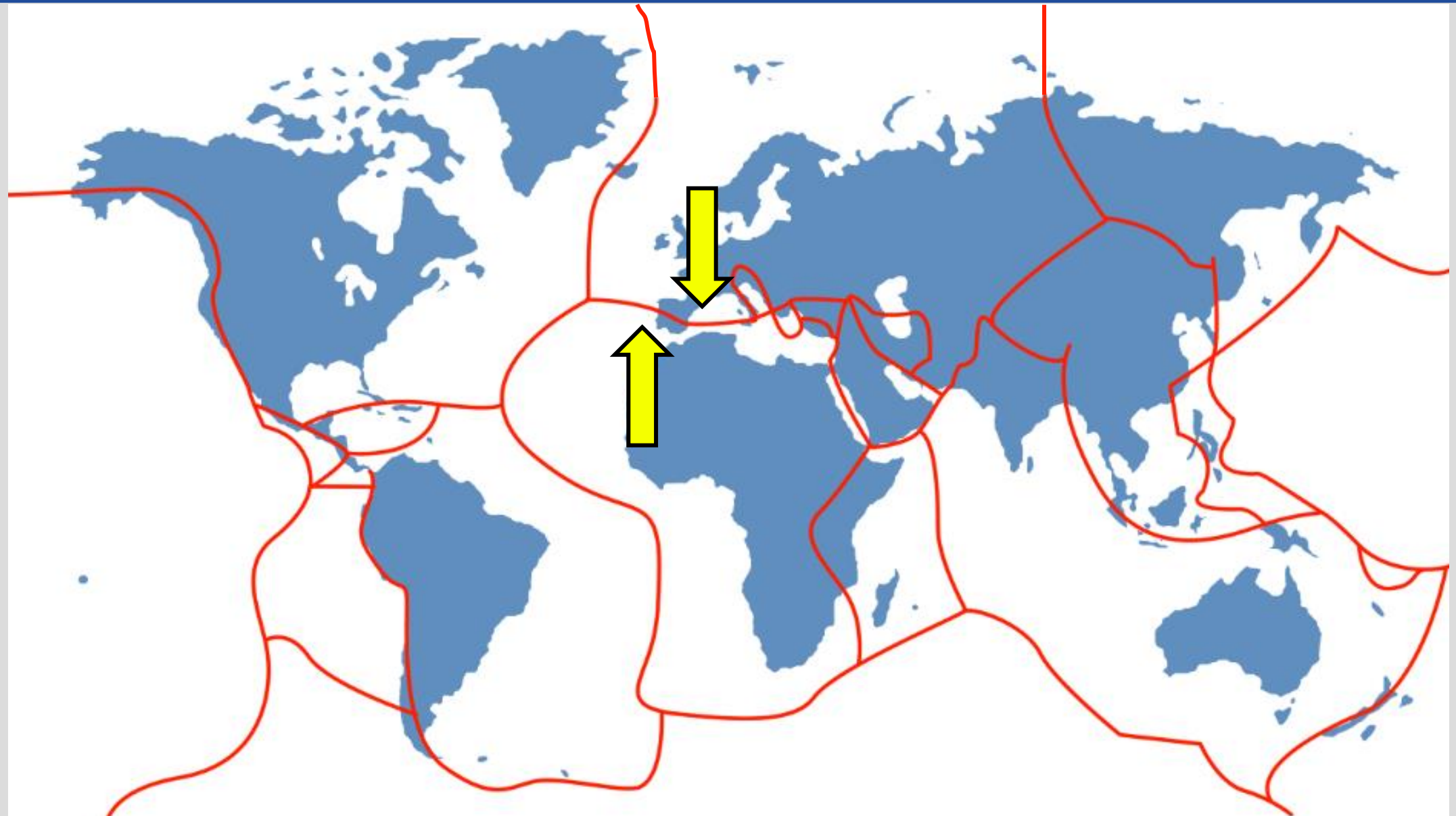
LA TERRA È FORMATA DA VARI STRATI.

LO STRATO PIÙ ESTERNO SI CHIAMA *CROSTA TERRESTRE*.

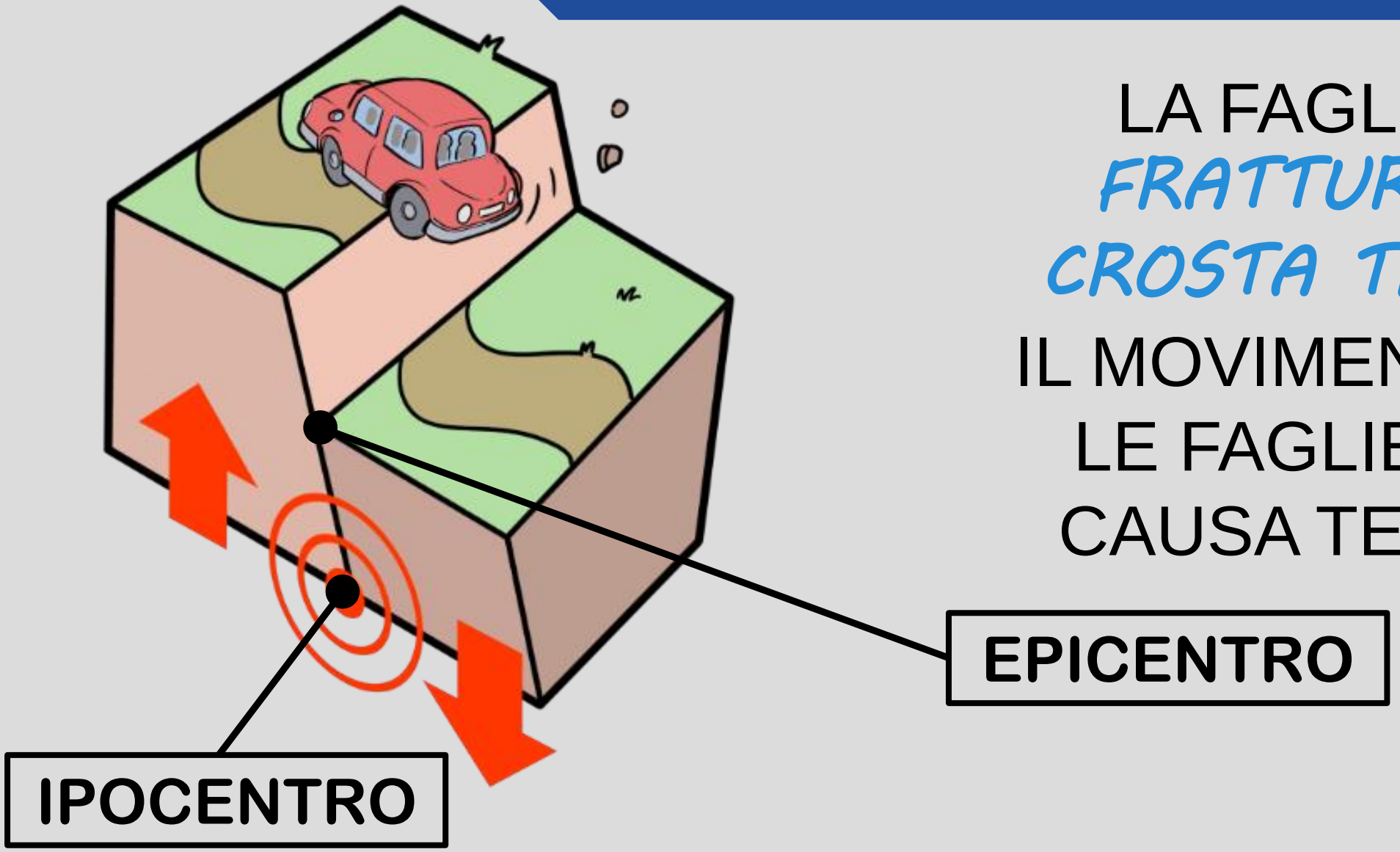
SOTTO LA CROSTA SI TROVANO IL MANTELLO E IL NUCLEO.



COME È FATTA LA CROSTA?



COS'È UNA FAGLIA?



LA FAGLIA È UNA *FRATTURA DELLA CROSTA TERRESTRE*.

IL MOVIMENTO LUNGO LE FAGLIE SPESSO CAUSA TERREMOTI.

COS'È IL TERREMOTO?

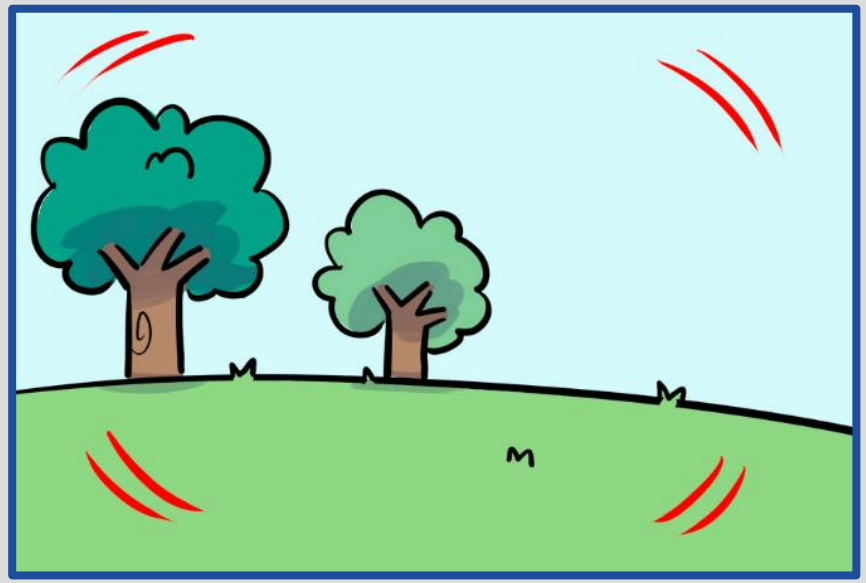
IL TERREMOTO…

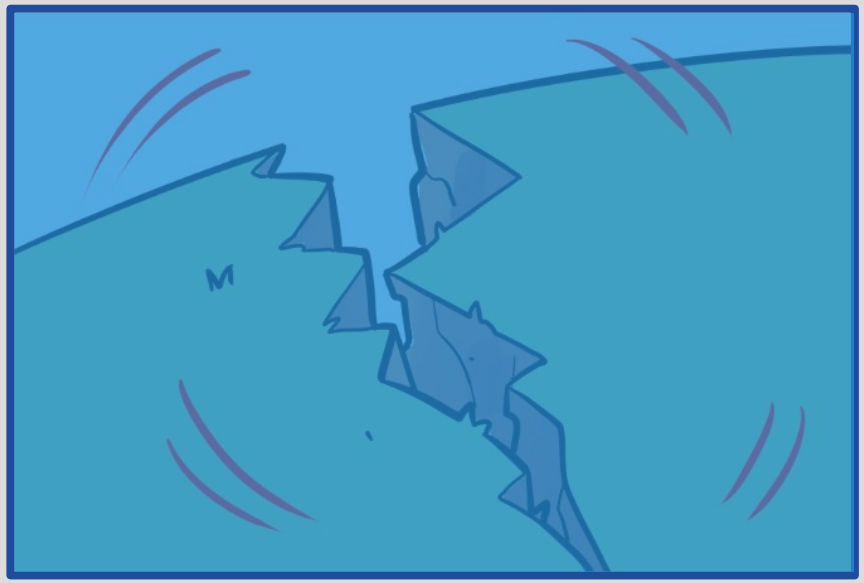
…È UN *MOVIMENTO IMPROVVISO* DEL TERRENO.

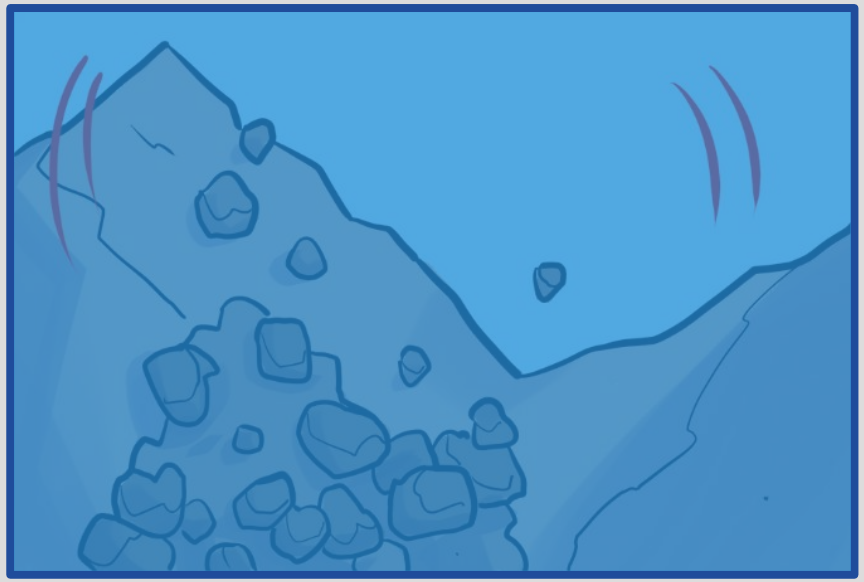
…DURA *POCHI MINUTI*.

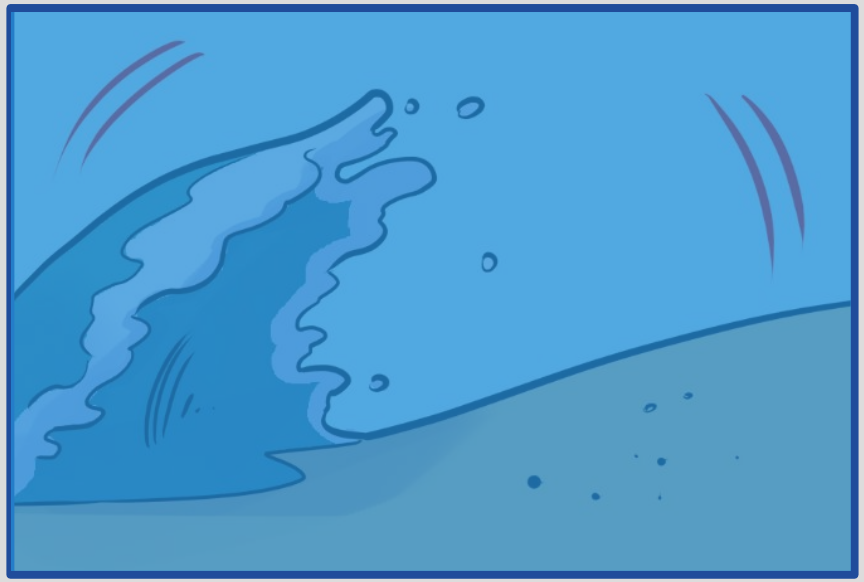
…È CAUSATO DA *QUALCOSA CHE SI ROMPE* SOTTO TERRA.

COSA SUCCEDE SOPRA LA TERRA… NELLA NATURA?









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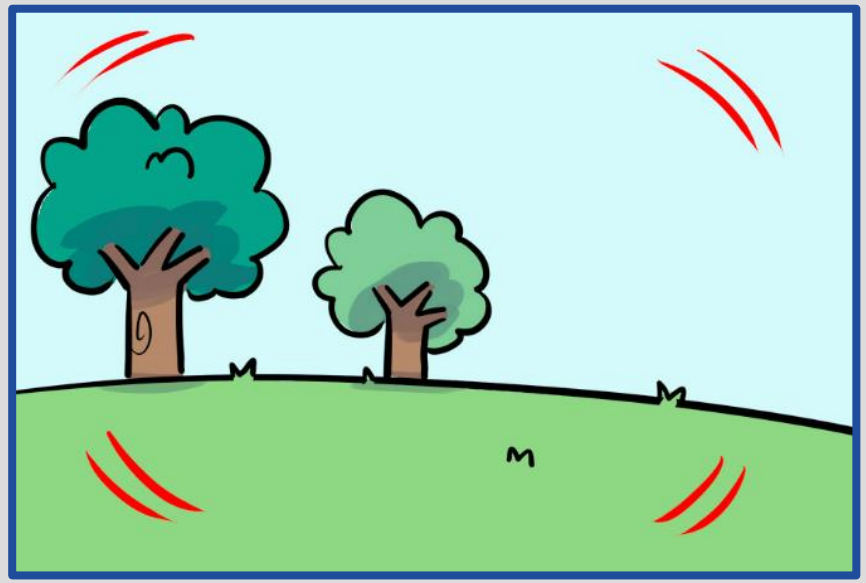

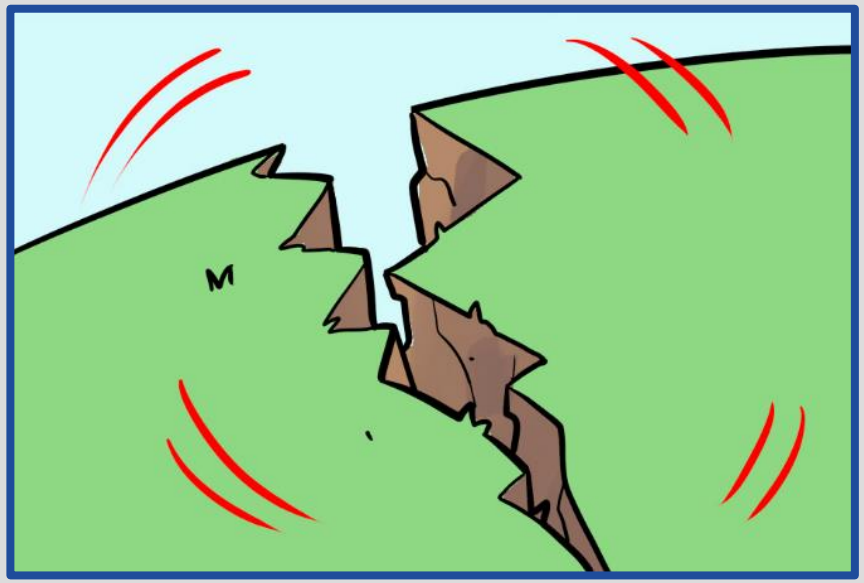

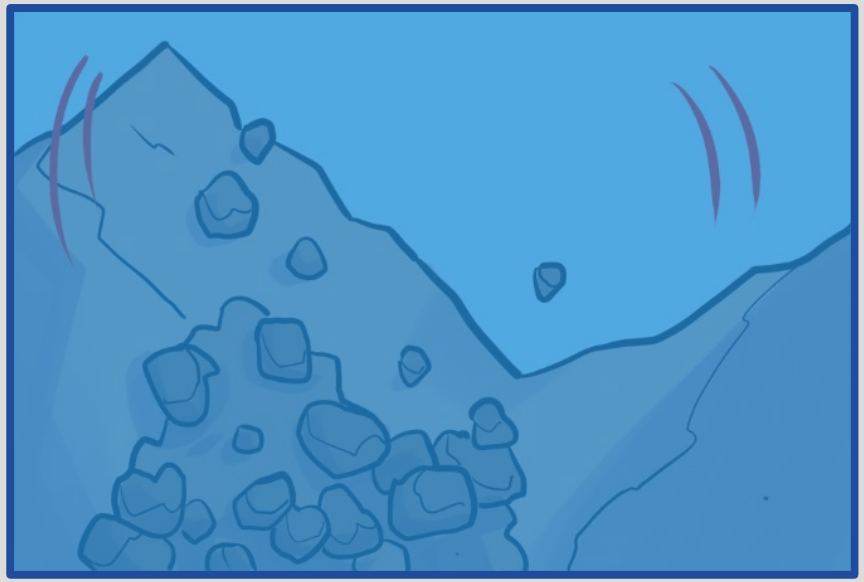

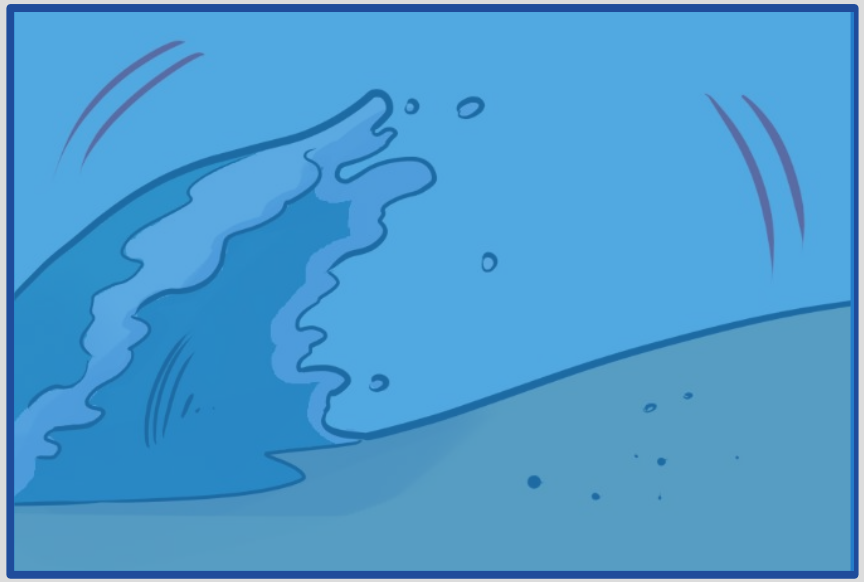

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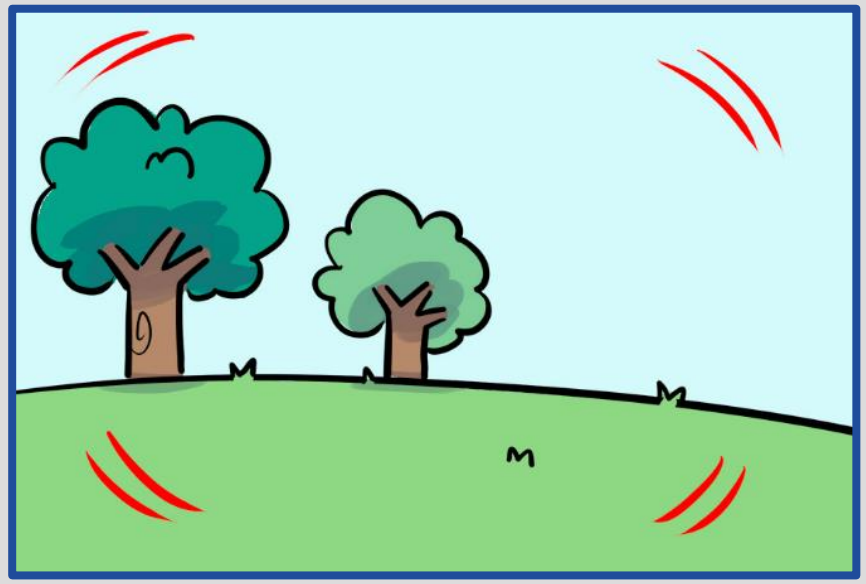

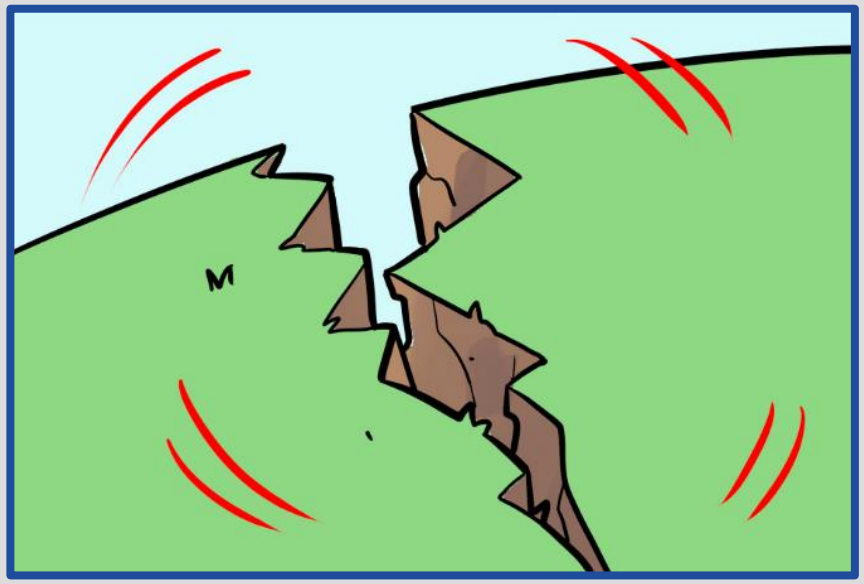

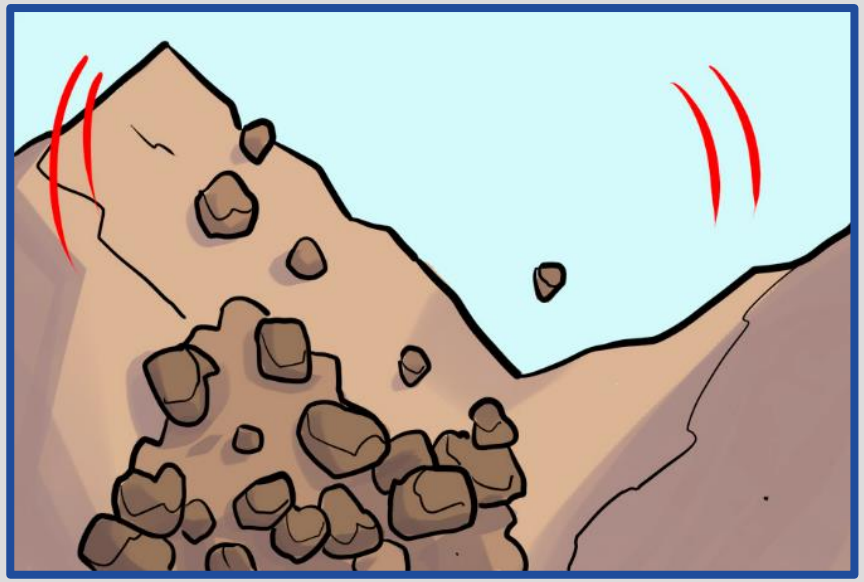

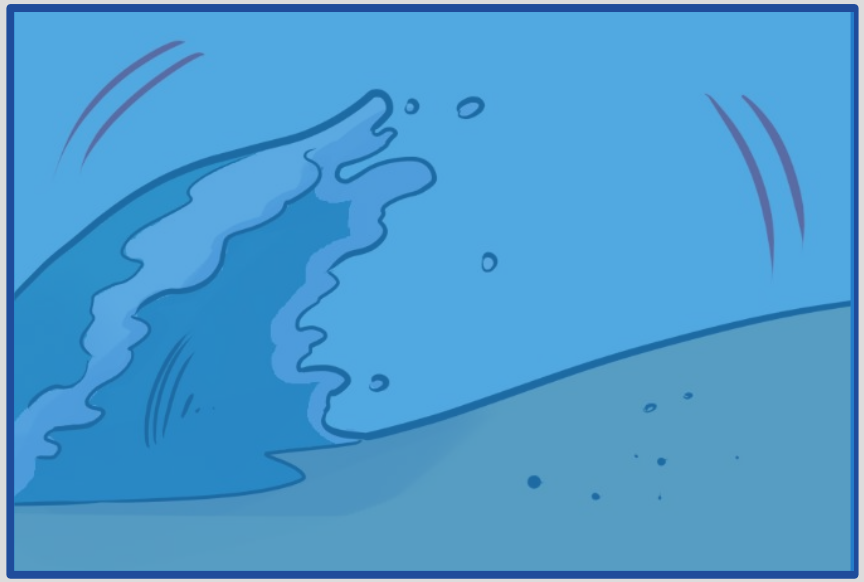

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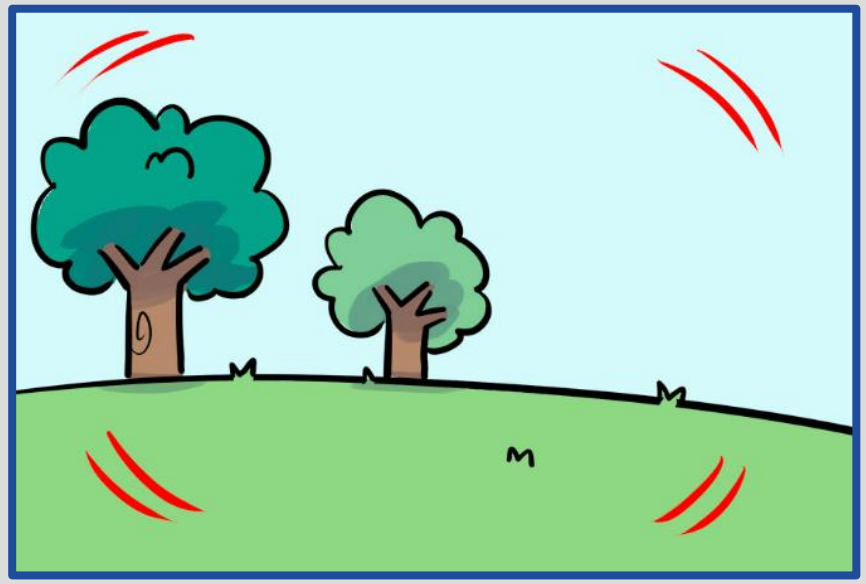
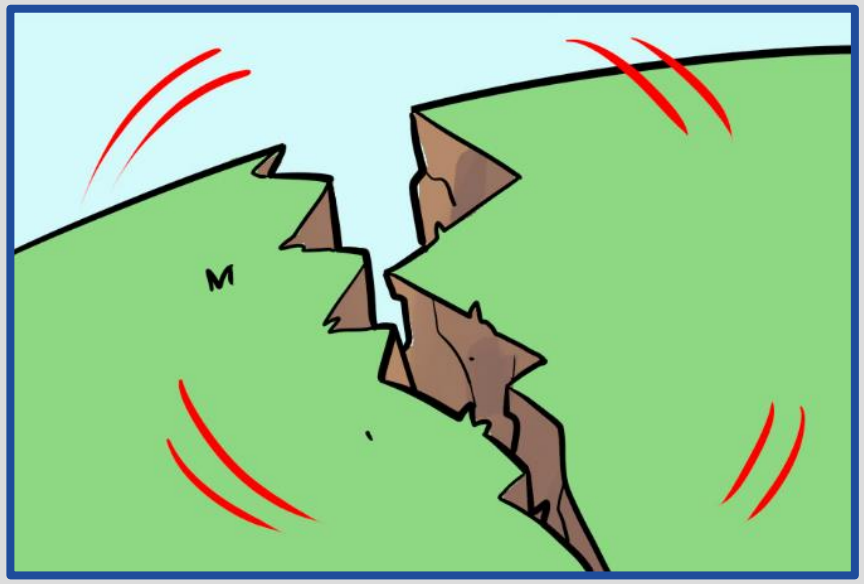
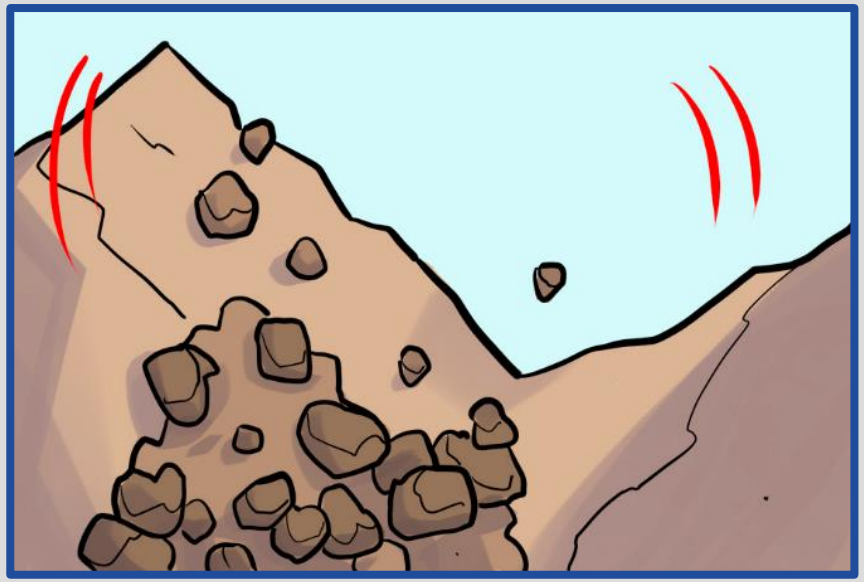
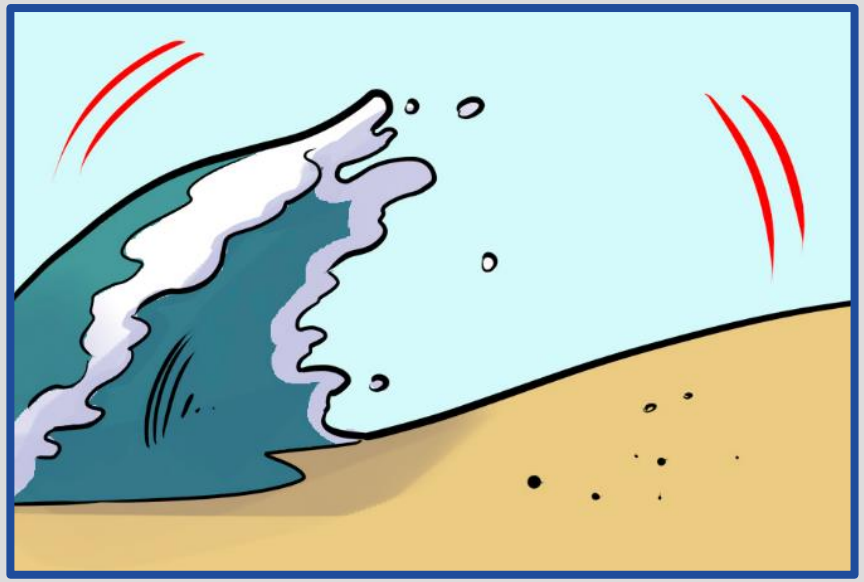
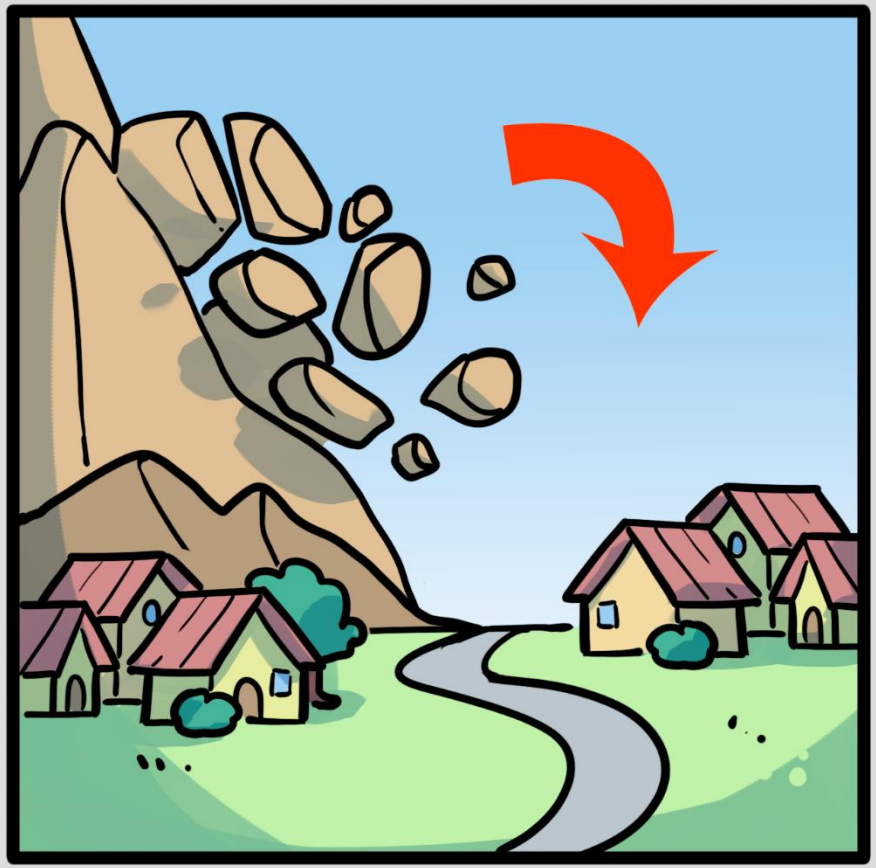






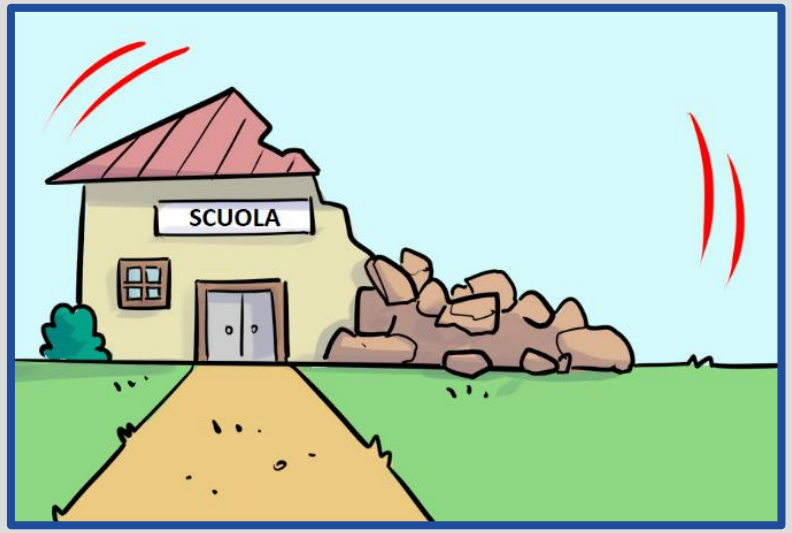


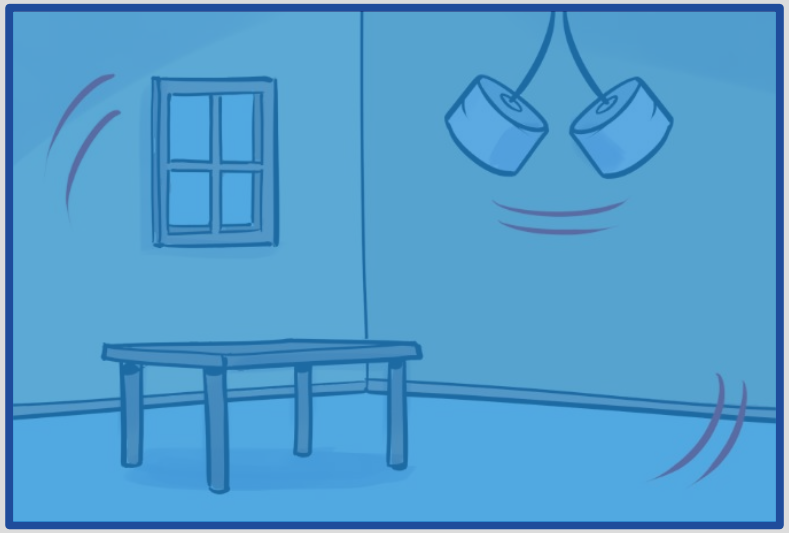
COS’È IL RISCHIO SISMICO?

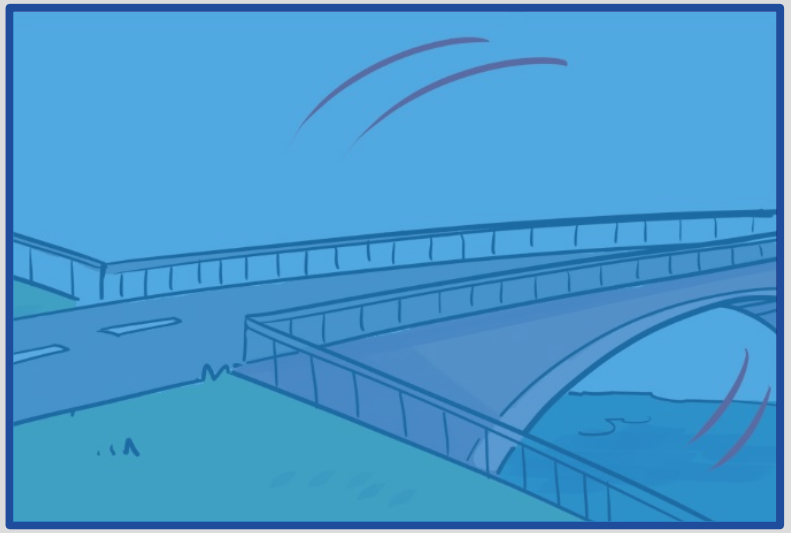


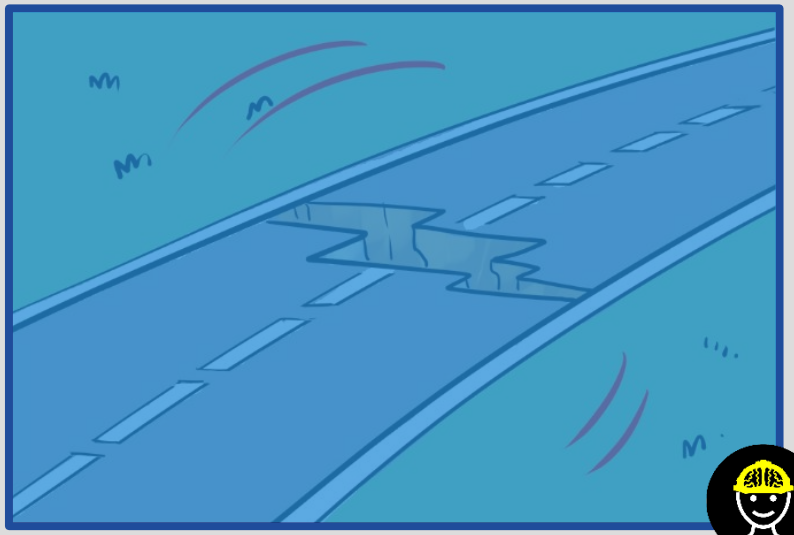
IL RISCHIO SISMICO CAMBIA IN BASE ALL’AMBIENTE.

COSA SUCCEDE SOPRA LA TERRA… DOVE C’È L’UOMO?









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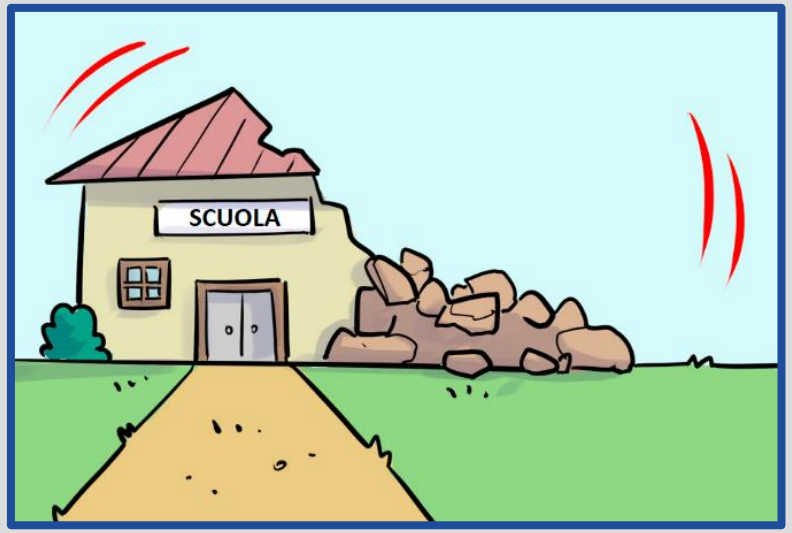

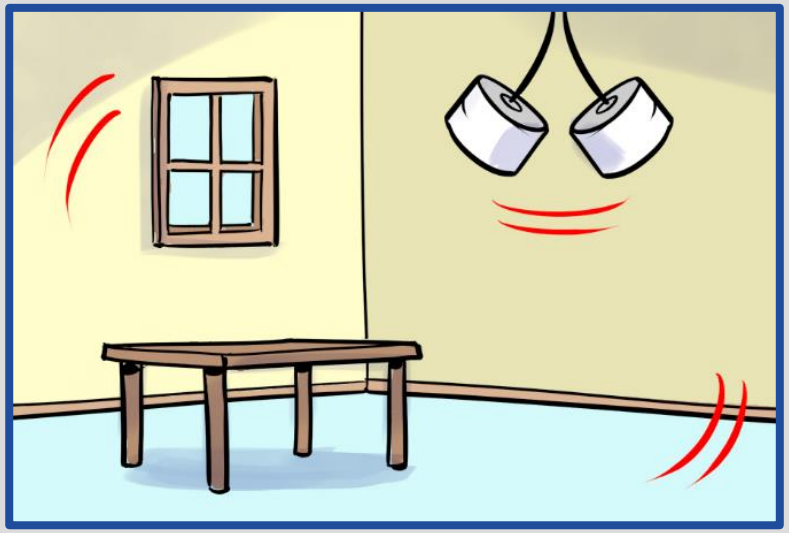

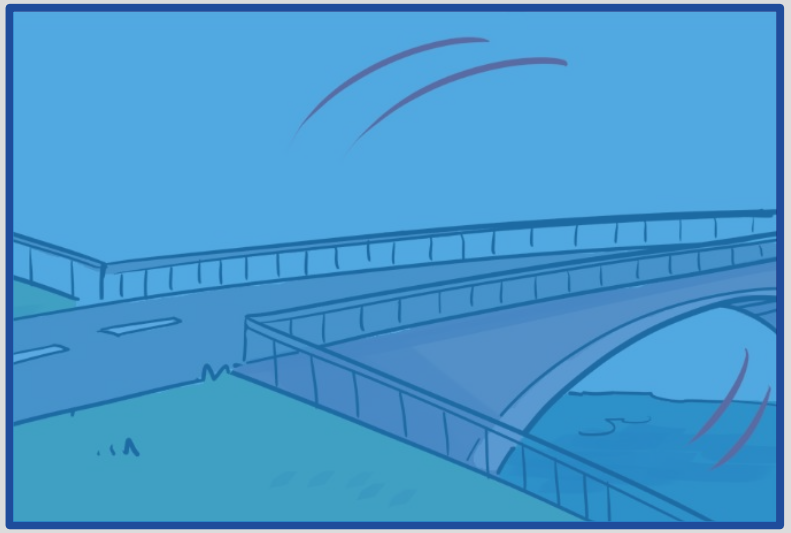

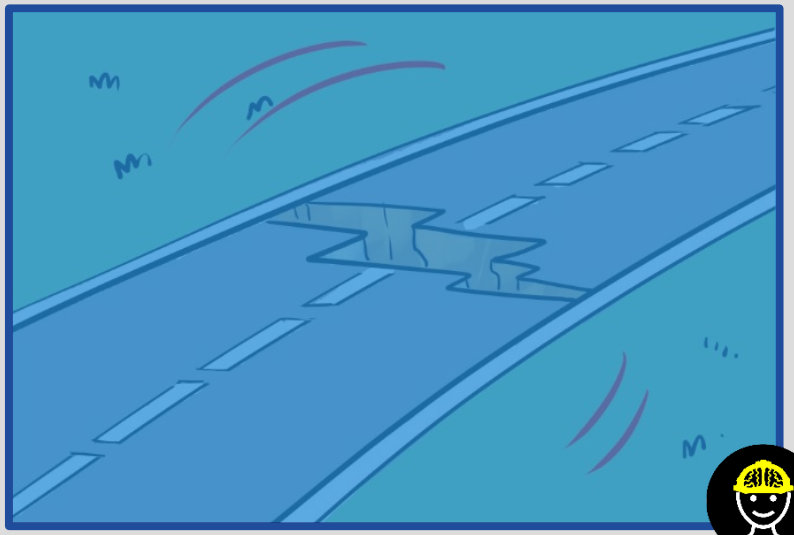

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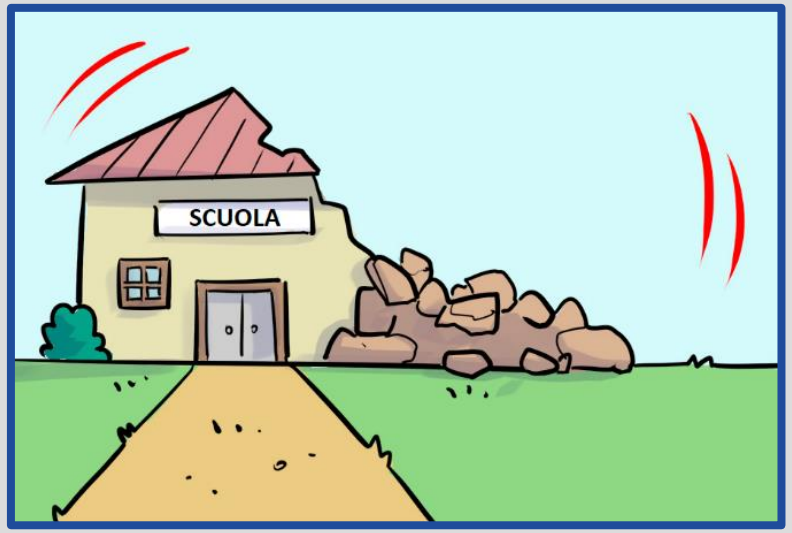

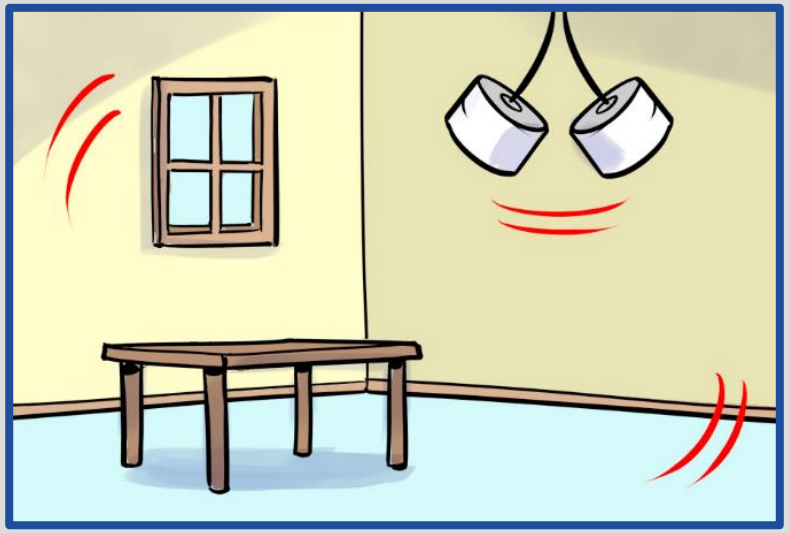

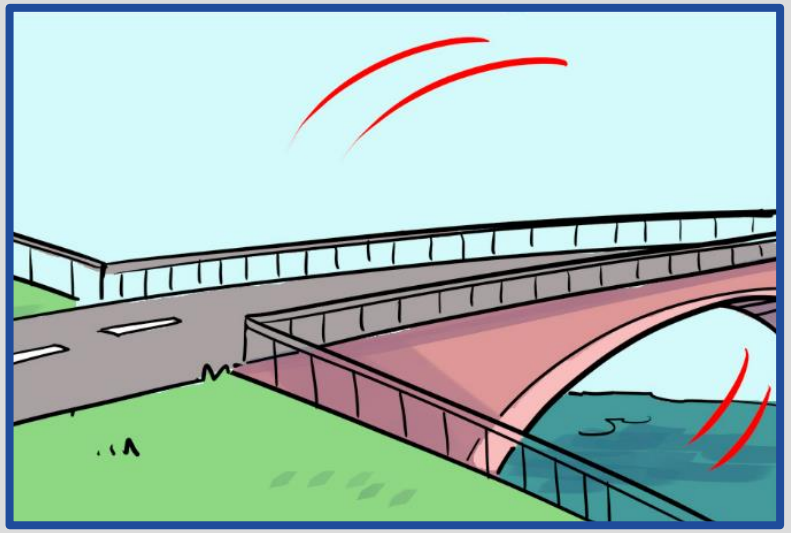

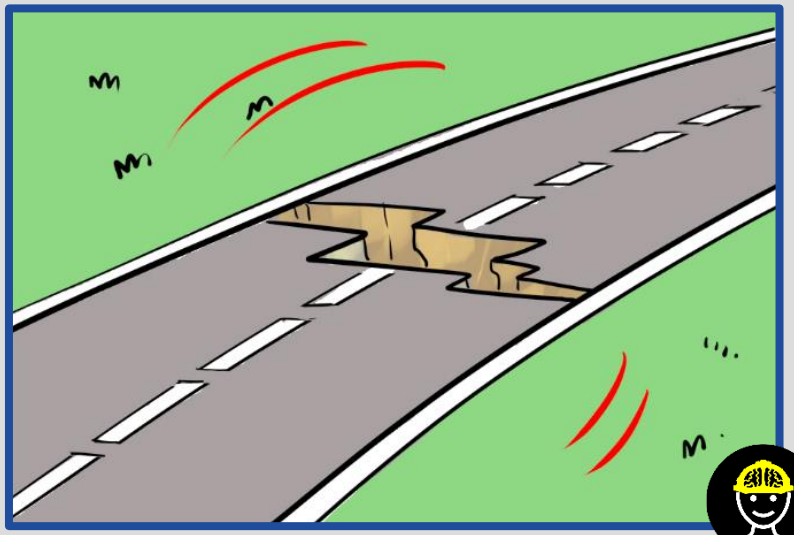

COSA PUÒ SUCCEDERE QUI?

Riprendere la mappa di pericolosità sismica del territorio nazionale (OPCM 3519 del 28 aprile 2006; consultabile all’indirizzo http://zonesismiche.mi.ingv.it/).

COME SI MISURA IL TERREMOTO?

I (1°) Debole (non si sente)

II (2°) Si sente ai piani alti

III (3°) I vetri tremano

IV (4°) I lampadari oscillano

V (5°) Le porte sbattono

VI (6°) I muri si crepano

VII (7°) I camini cadono

VIII (8°) I rami si spezzano

IX (9°) Le case crollano

X (10°) I fiumi straripano

XI (11°) Le rotaie si piegano

XII (12°) Distruzione totale

LA *SCALA MERCALLI* PERMETTE DI MISURARE IL TERREMOTO IN BASE AI *DANNI* SU AMBIENTE, COSE E PERSONE.

COME SI MISURA IL TERREMOTO?

IL *SISTEMA RICHTER* PERMETTE DI MISURARE IL TERREMOTO IN BASE ALLA *MAGNITUDO*, CIOÈ ALLA SUA ENERGIA.

…E ADESSO TOCCA A VOI ☺

...E ADESSO TOCCA A VOI

COME È FATTA
LA TERRA?

...E ADESSO TOCCA A VOI

COME È FATTA
LA CROSTA TERRESTRE?

...E ADESSO TOCCA A VOI

COS'È IL TERREMOTO?

…E ADESSO TOCCA A VOI

COSA SUCCEDE NELLA NATURA?

…E ADESSO TOCCA A VOI

COSA SUCCEDE
DOVE C'È L'UOMO?

...E ADESSO TOCCA A VOI

COME SI MISURA IL TERREMOTO?