

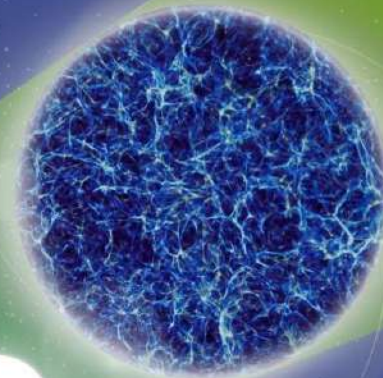
Formazione

per **DOCENTI, EDUCATORI e OPERATORI MUSEALI**

Scintille

Nuove rotte per far brillare le STEM

23 febbraio 2026, 10.00-17.00

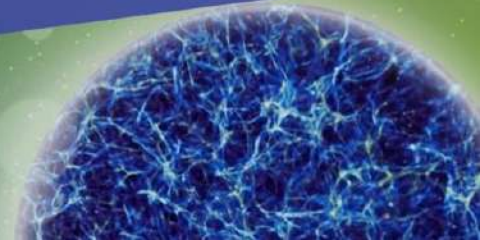


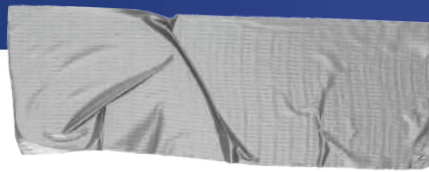
Il Planetario, uno strumento didattico per rappresentare il cosmo

Gruppo di Ricerca in didattica dell'Astronomia nei planetari

PlanIT, Infini.to, Inaf, Infn, Unito, Unipd

Scintille

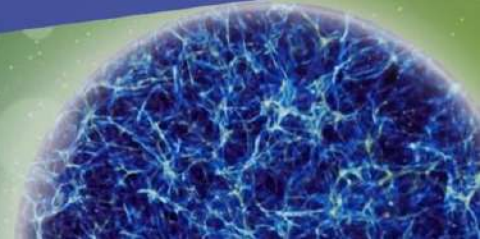




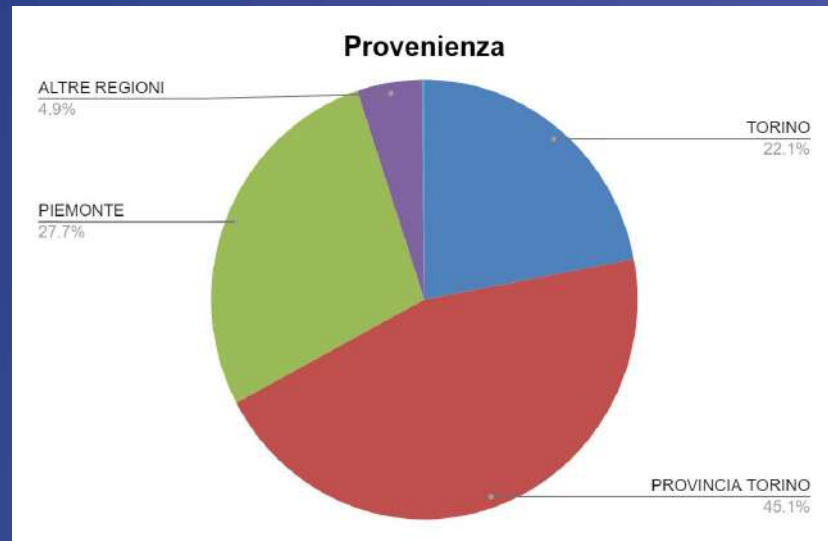
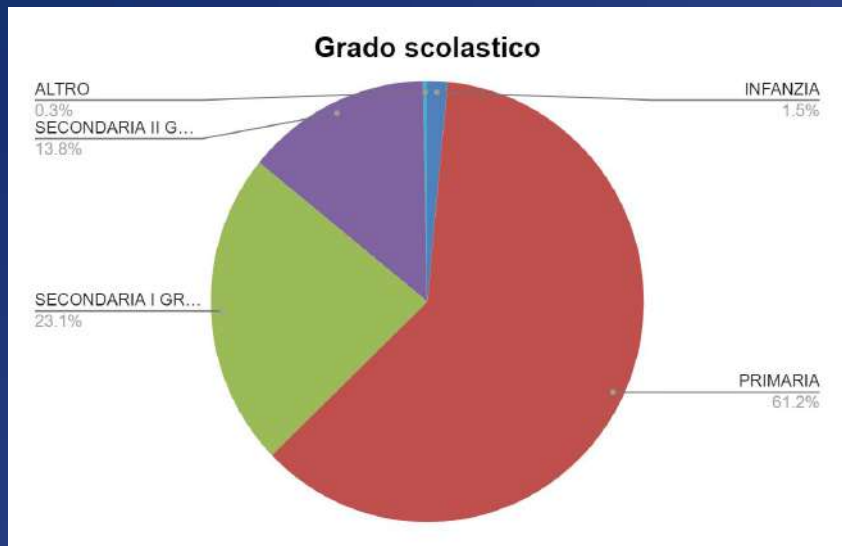
...qualche numero di Infini.to

- **25000 studenti all'anno (su circa 54000 visitatori totali)**
- **oltre 1000 docenti all'anno**
- **900 ore di visite guidate**
- **570 ore di laboratorio**
- **400 ore di sessioni didattiche in planetario**
- **180 ore di osservazione al telescopio**
- **150 ore di attività in esterno**

Scintille

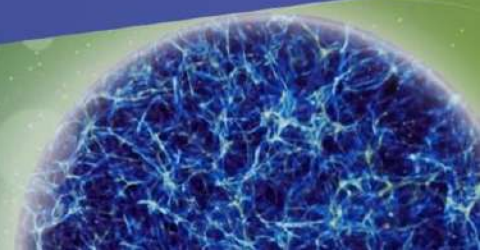


Qualche dato



a.s. 2024/2025

Scintille



La ricerca

campione : 864 studenti tra 8 e 14 anni
marzo -giugno 2024

Modalità 1

642 studenti

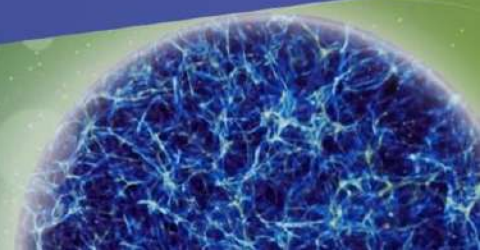
- rappresentazione del sistema solare
- questionario pre spettacolo
“Dimensioni dei pianeti”
- spettacolo “Tutti col naso all’insù”
- laboratorio “A spasso nel sistema solare”

Modalità 2

212 studenti

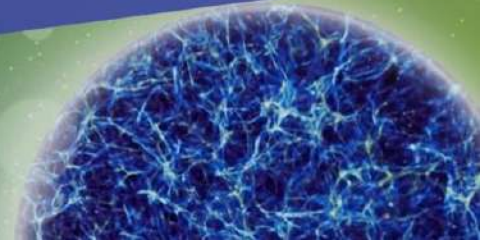
- spettacolo “Tutti col naso all’insù”
- questionario post spettacolo
“Dimensioni dei pianeti”

Scintille



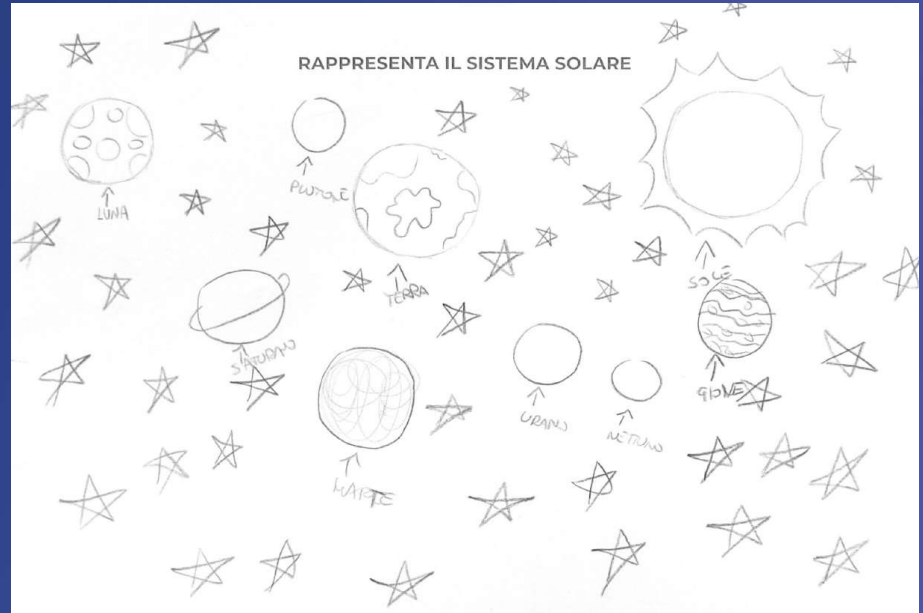
Rappresenta il sistema solare

Scintille

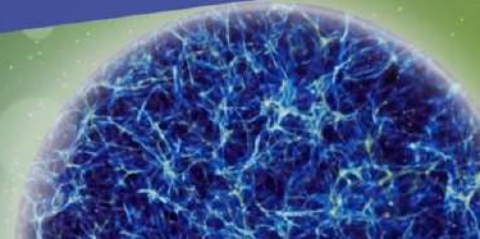


Categorie

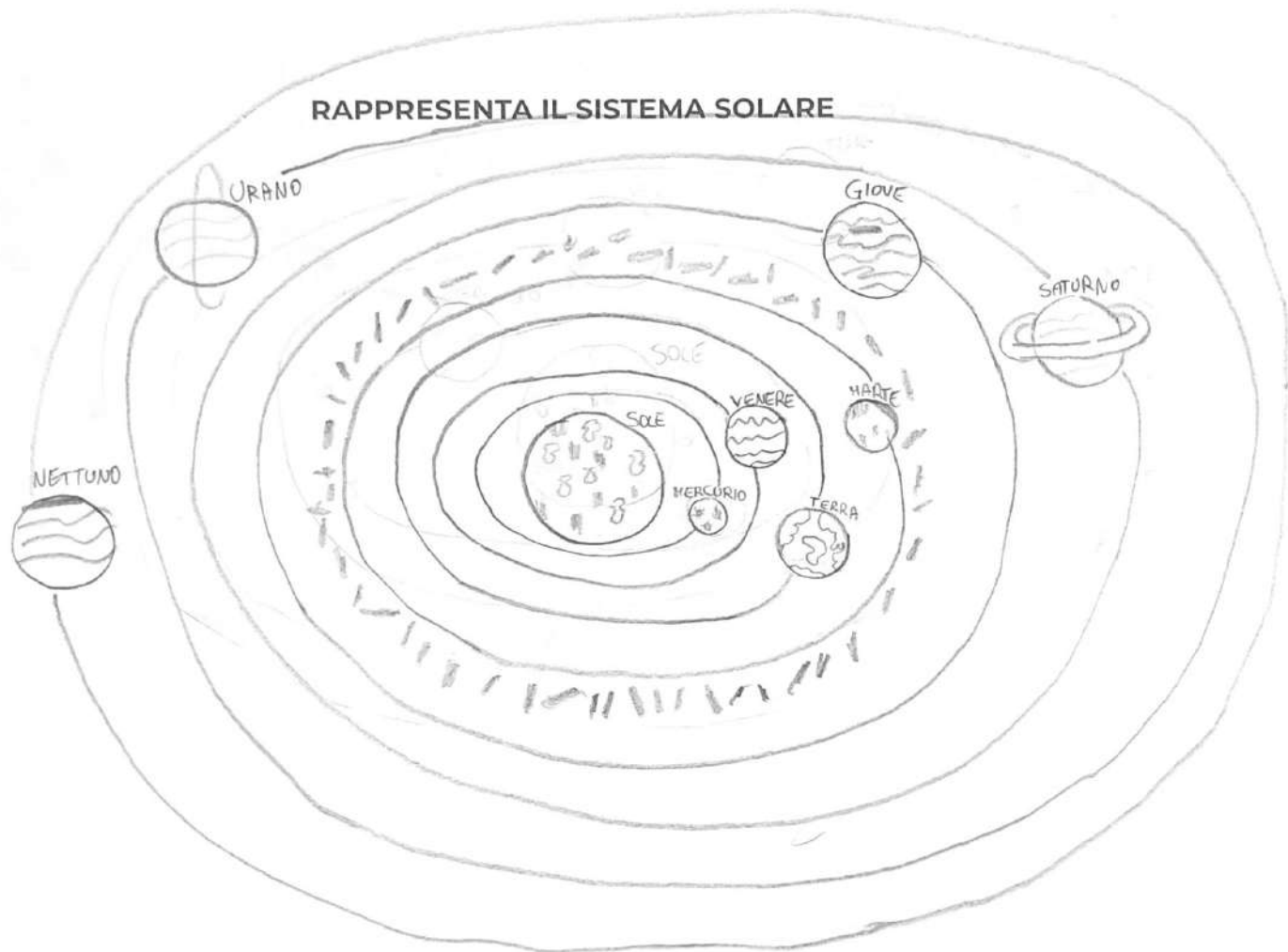
- Disposizione dei pianeti
- Dimensioni Sole e Pianeti
- Popolazione
- Sfondo



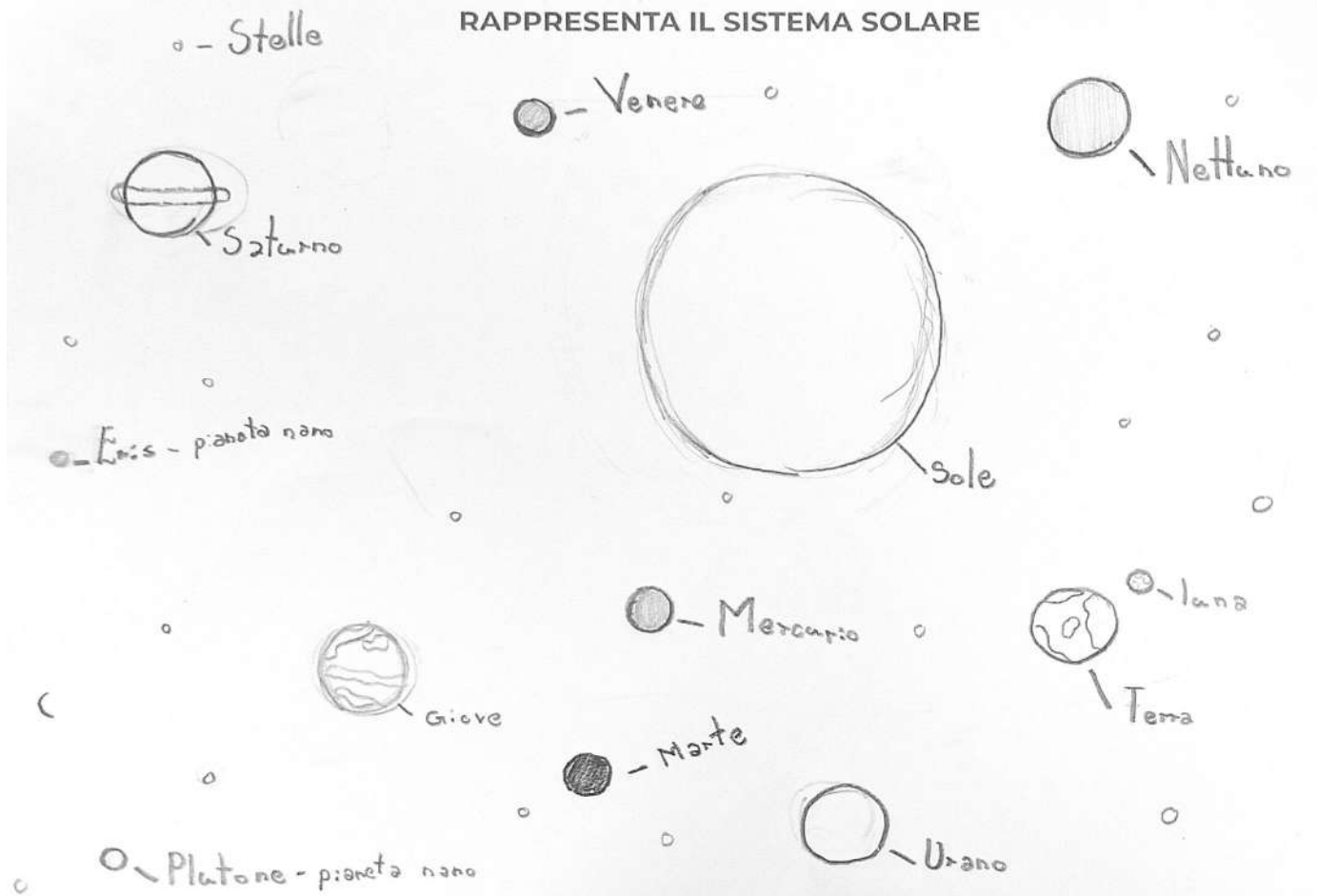
Scintille



Disposizione dei pianeti

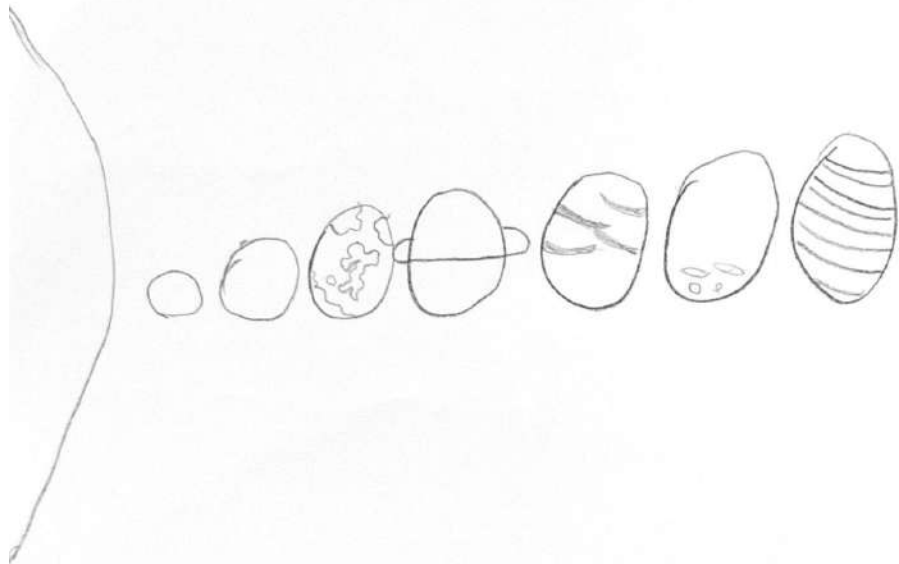


RAPPRESENTA IL SISTEMA SOLARE

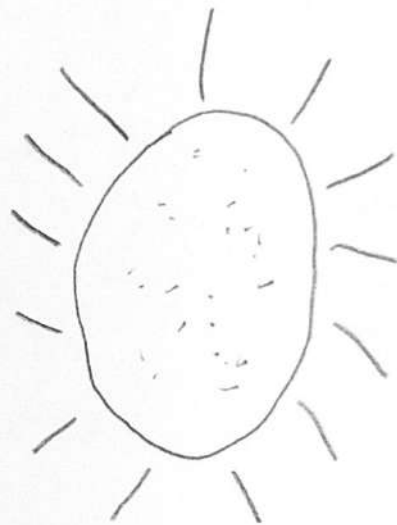
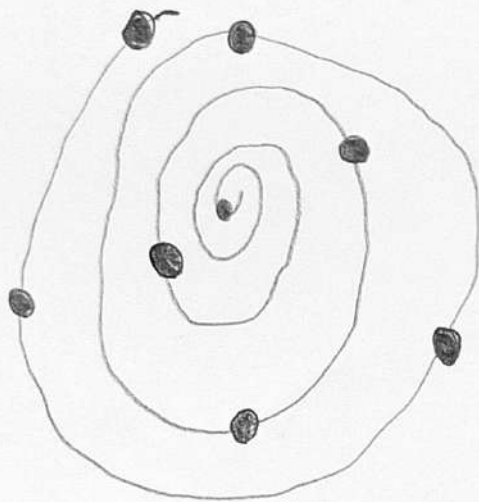


Disposizione dei pianeti

RAPPRESENTA IL SISTEMA SOLARE

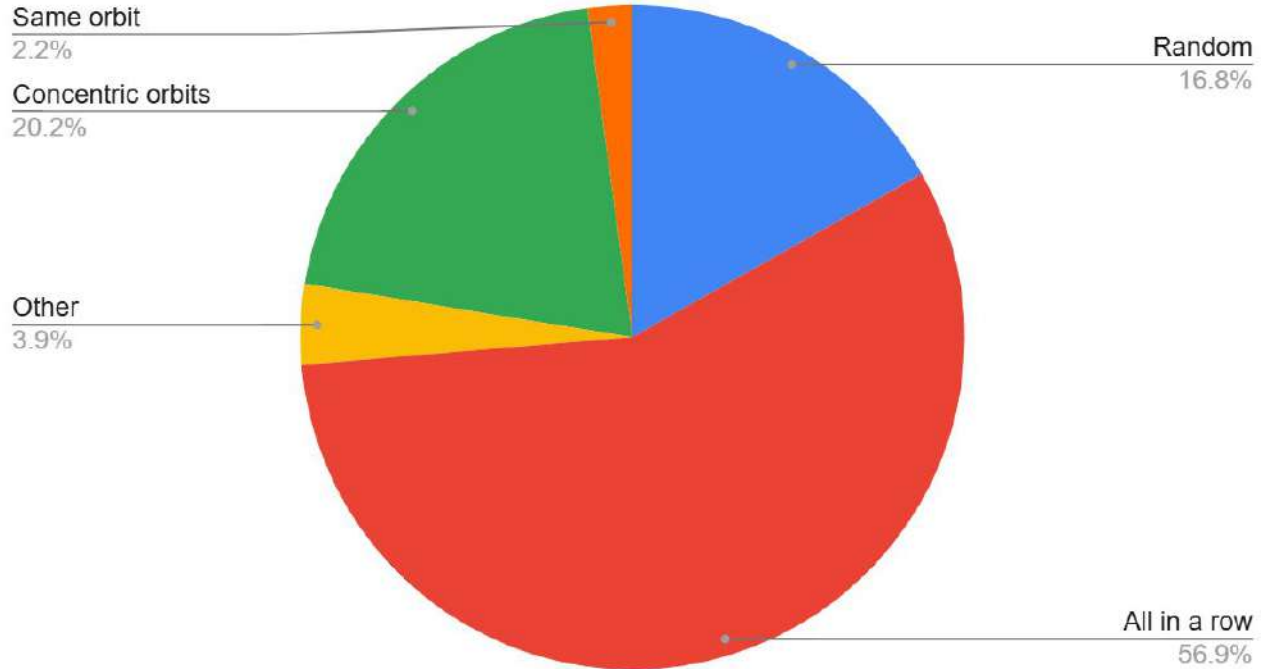


RAPPRESENTA IL SISTEMA SOLARE



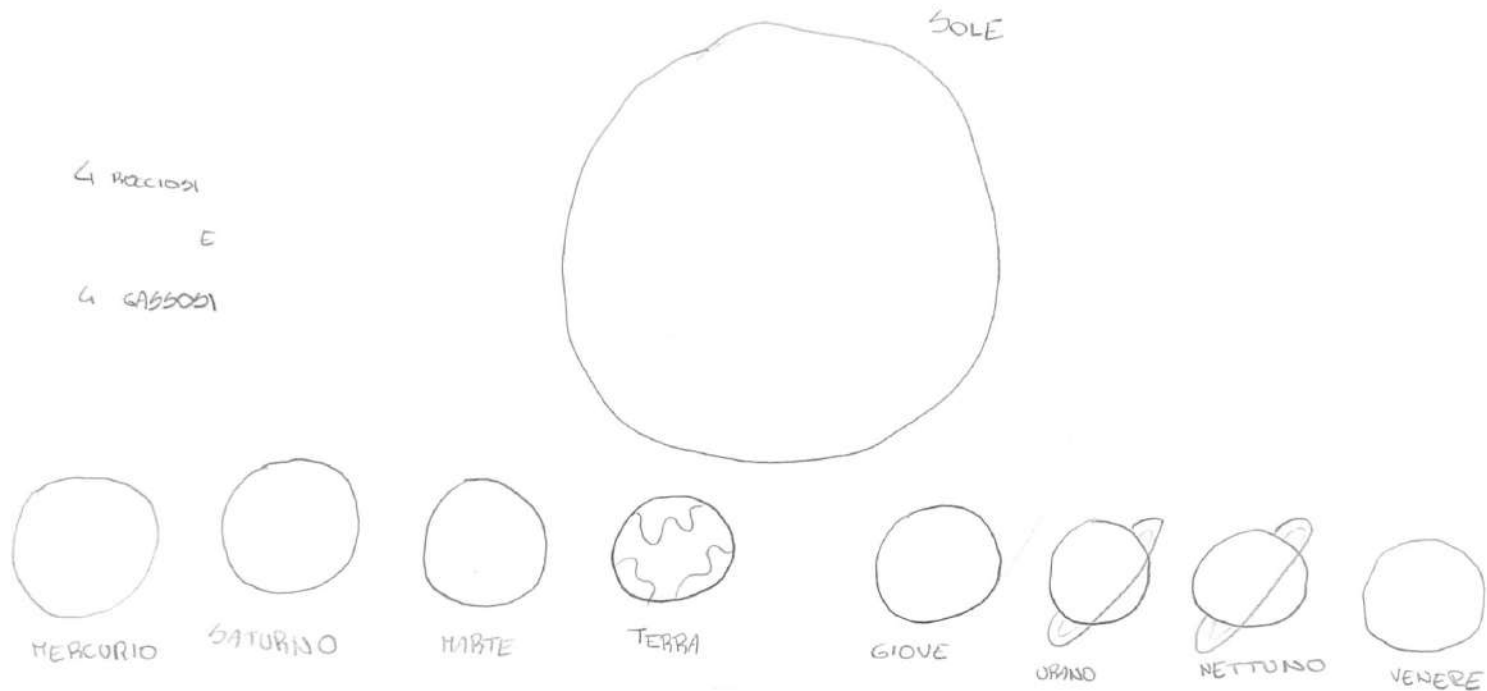
Disposizione dei pianeti

Arrangement of planets and Sun

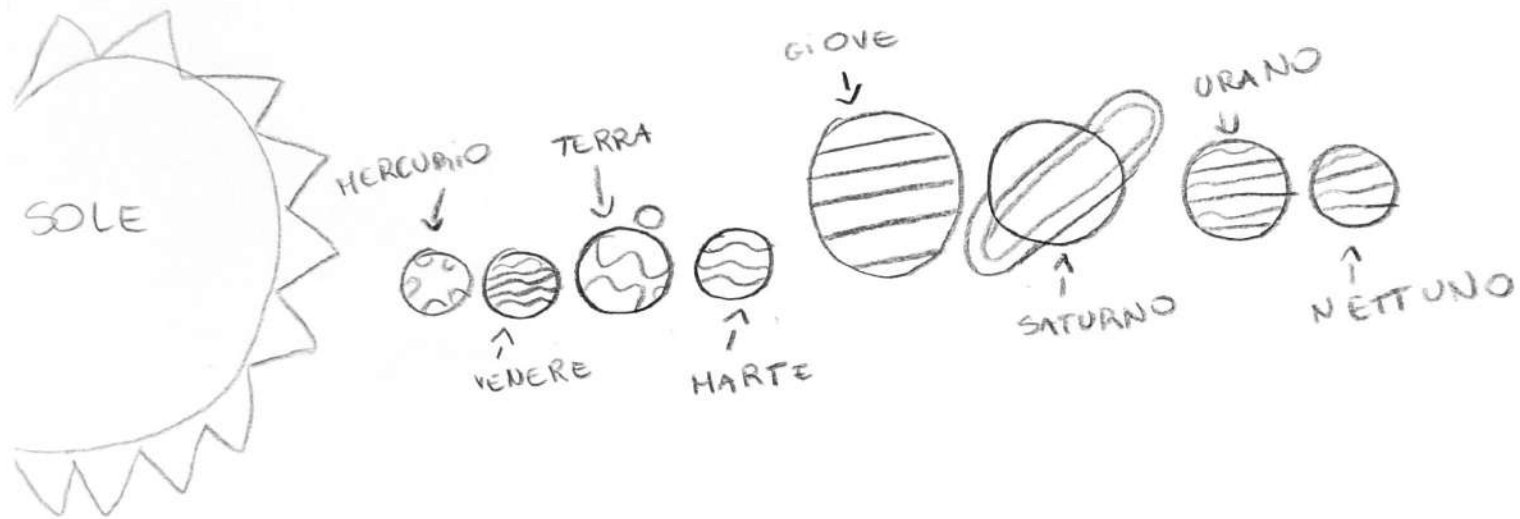


Dimensione Sole e pianeti

RAPPRESENTA IL SISTEMA SOLARE



RAPPRESENTA IL SISTEMA SOLARE



Dimensione Sole e pianeti

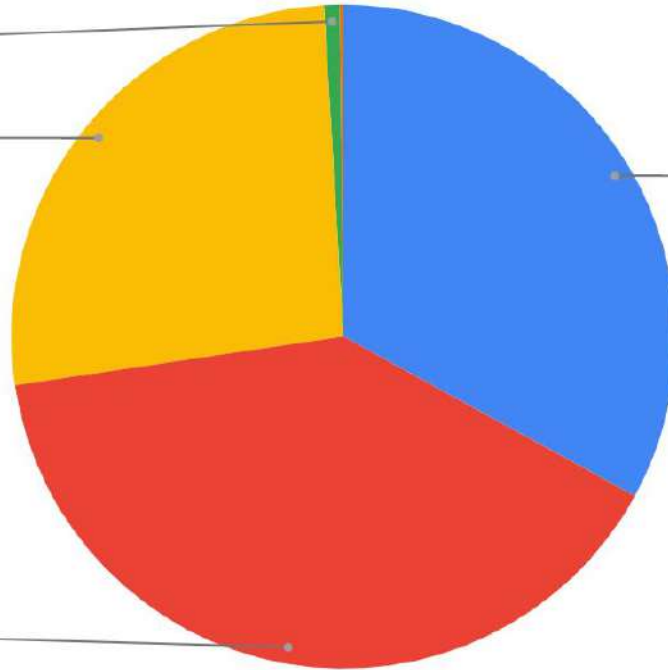
Mutual dimensions

Other
0.7%

Random
26.4%

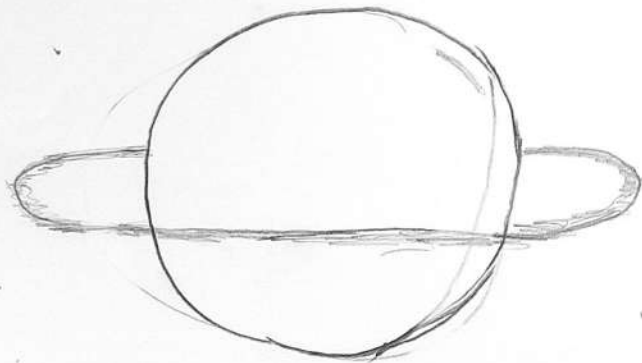
All equal
33.0%

Attempt to scale
39.7%

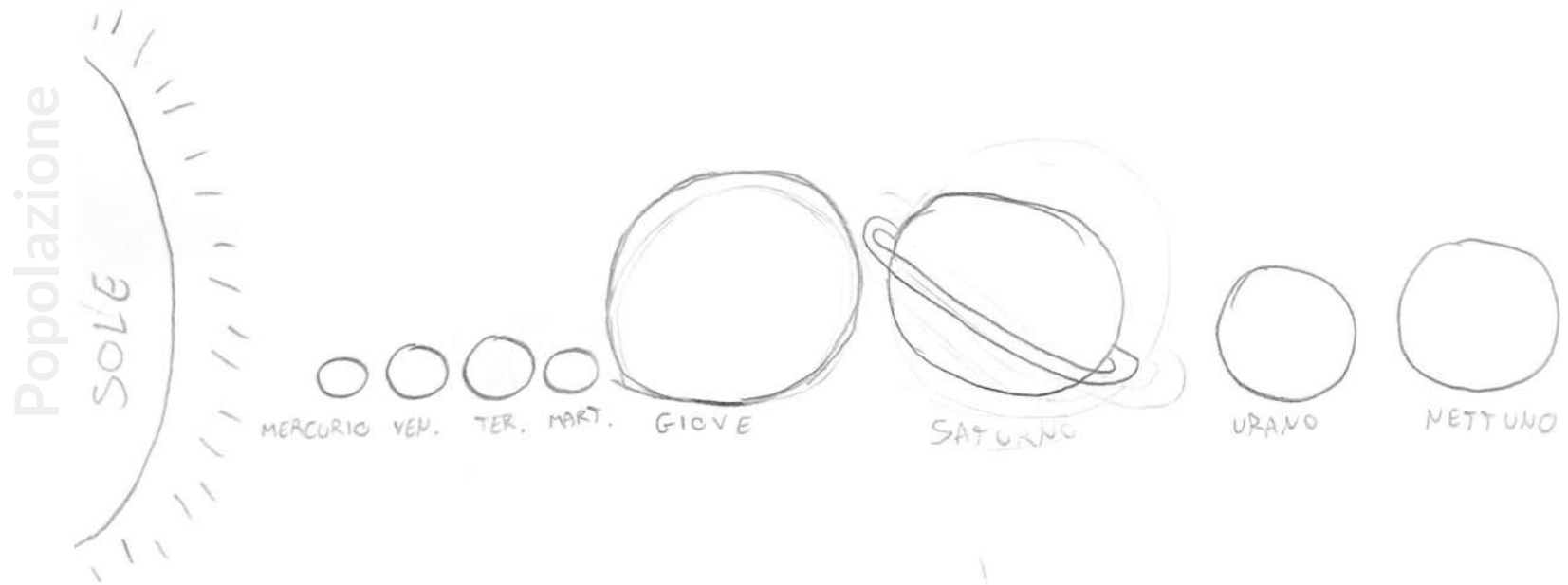


Popolazione

RAPPRESENTA IL SISTEMA SOLARE

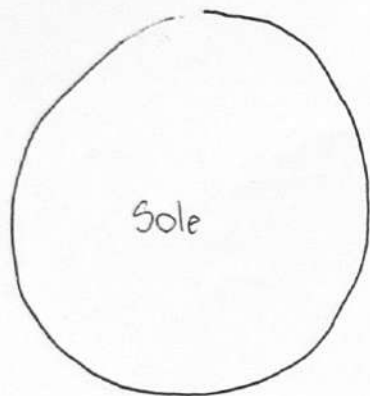


RAPPRESENTA IL SISTEMA SOLARE



Popolazione

RAPPRESENTA IL SISTEMA SOLARE



MERCURIO



VENERE

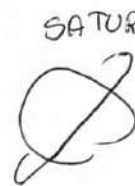
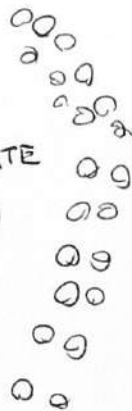


TERRA



LUNA

MARTE



SATURNO

URANIO

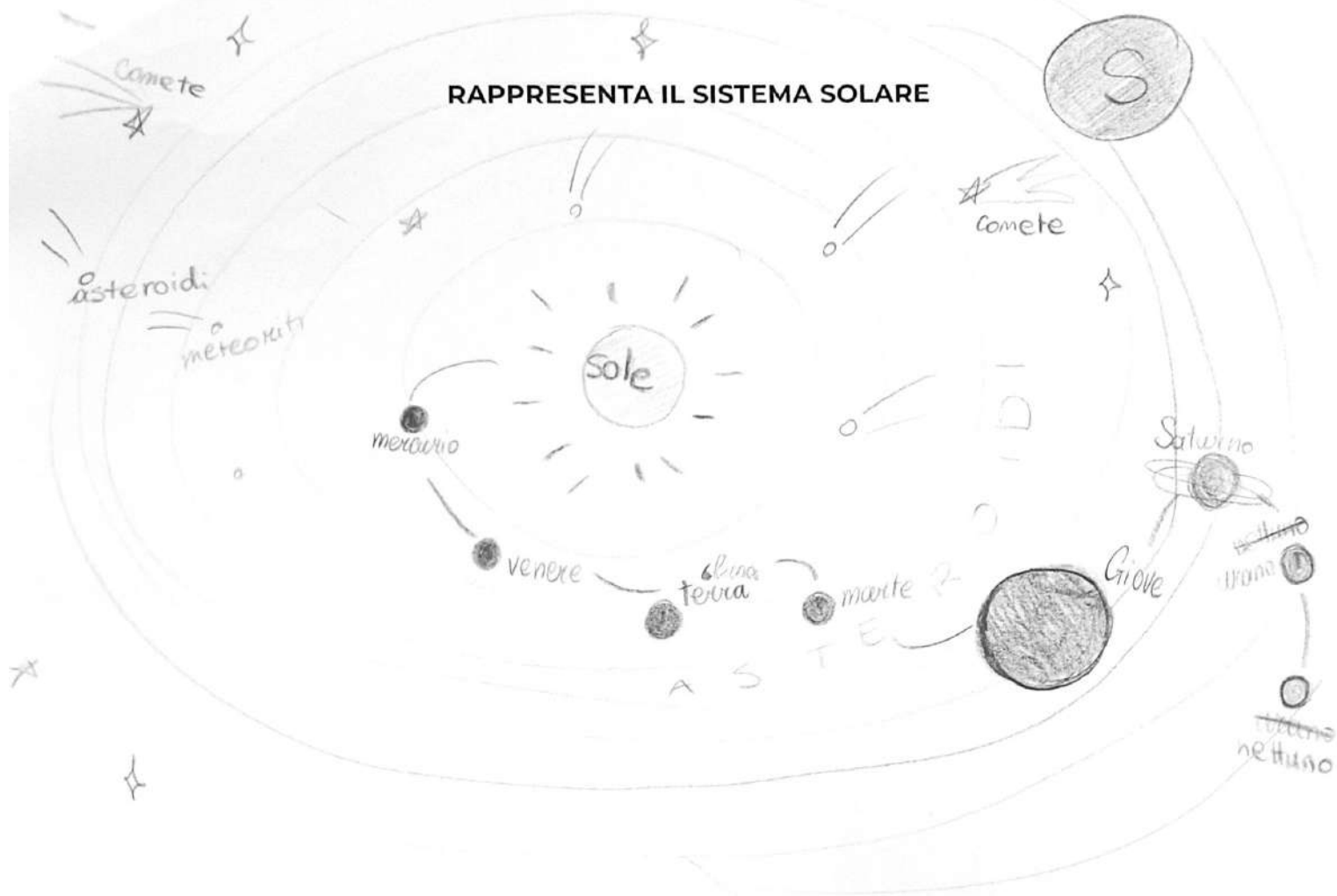


NETUNO



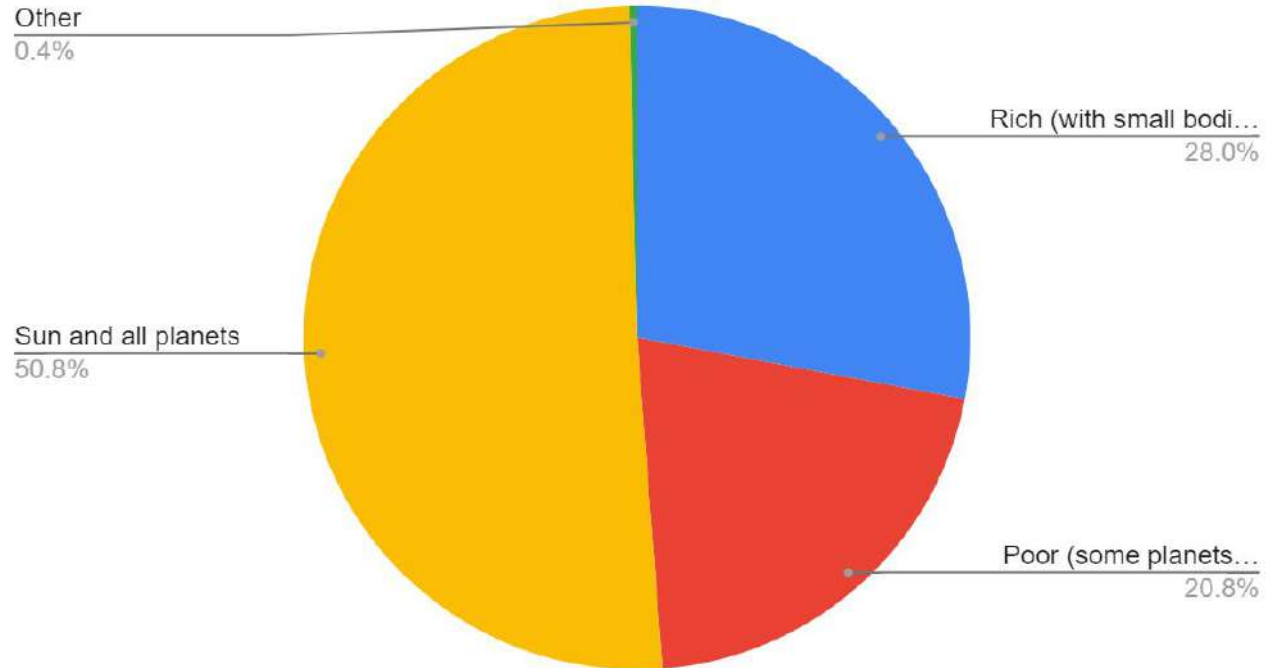
Popolazione

RAPPRESENTA IL SISTEMA SOLARE



Popolazione

Population of the Solar System



Sfondo

RAPPRESENTA IL SISTEMA SOLARE



RAPPRESENTA IL SISTEMA SOLARE

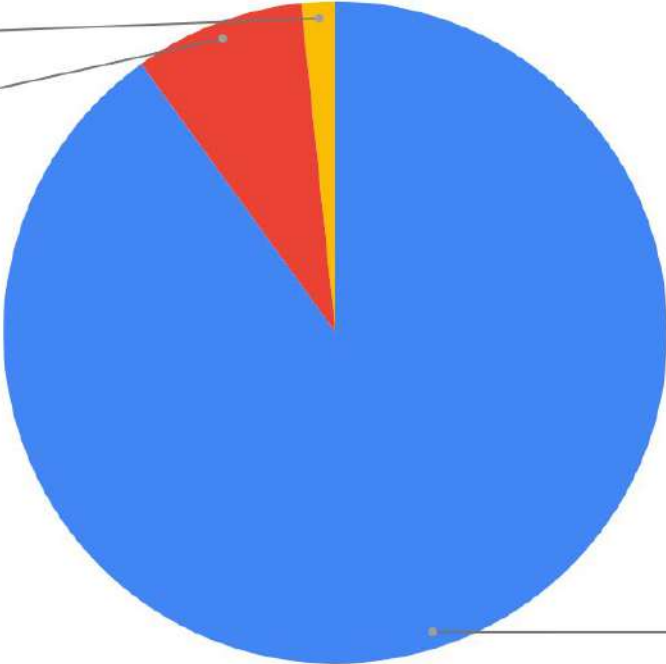


Sfondo

Sfondo

Background

Other
1.7%
Presence of stars an...
8.3%



Empty
90.1%

La nuova ricerca

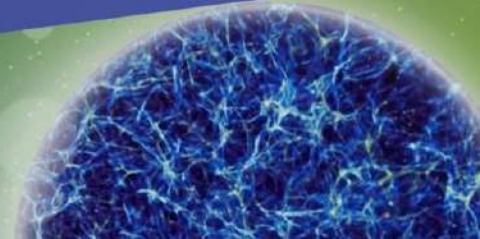
campione : studenti 9 - 11 anni
a.s. 2026/27



Modalità

- spettacolo “Alternanza delle stagioni”
- Questionario pre e post spettacolo

Scintille



Grazie per l'attenzione!

Gruppo di Ricerca in didattica dell'Astronomia nei planetari

PlanIT, Infini.to, Inaf, Infn, Unito, Unipd

Scintille

