

# Quale informatica?

*L'agenda digitale di Aladdin*

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*Museo della Scienza e della Tecnica (Milano), 17 febbraio 2014*

000011100011101

**ALADDIN**

*Aladdin laboratorio di divulgazione  
e didattica dell'informatica*

Più informatica nella società?

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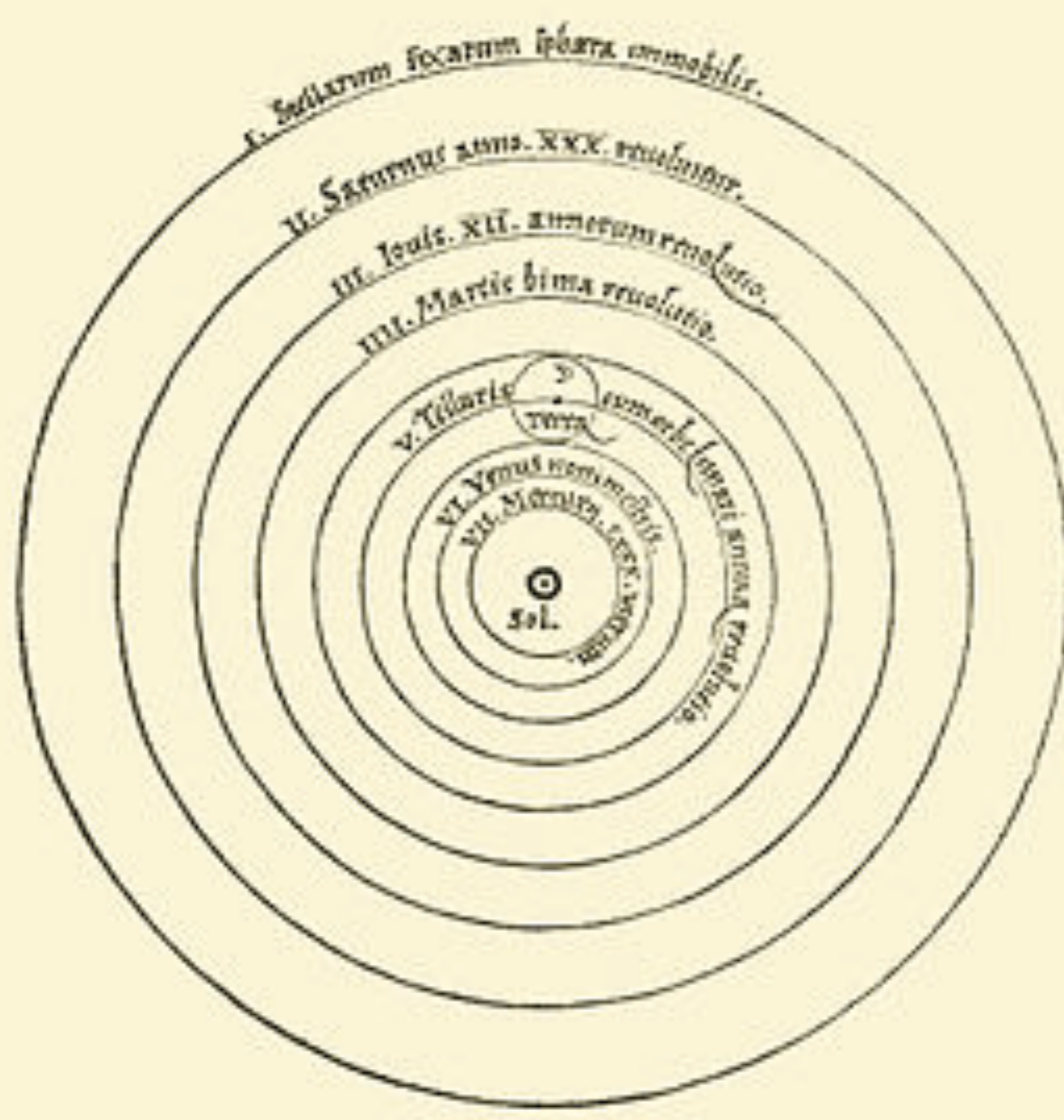
Più informatica a scuola?

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Una informatica diversa...

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efficient  
development  
numerical  
transformative  
program  
developing  
processing  
distributed  
artificial  
science  
industries  
computations  
semantics  
compiler  
technology  
database  
Model-Checking  
cryptocurrency  
analysis  
methods  
computer  
software  
protocols  
advanced  
practical  
practical  
useful  
ingenious  
public-key  
mathematical  
ideas  
system  
languages  
complexity  
theory  
work  
algorithms  
construction  
recognition  
intelligence  
implementation  
operating  
problems  
finite  
effective  
psychology  
Simula  
computation  
no-deterministic  
contribution  
computing  
verification  
large  
hardware  
computational  
continuous  
language  
research  
complexity-theoretic  
data area  
personal  
large  
compilers  
adopted  
data area  
personal  
large  
compilers  
adopted  
data area  
personal  
large

“We need to do away with the myth that computer science is about computers.

Computer science is no more about computers than astronomy is about telescopes, biology is about microscopes or chemistry is about beakers and test tubes.

Science is not about tools, it is about how we use them and what we find out when we do.”

– *Micheal R. Fellows, Ian Parberry*

# Tre parole chiave per l'informatica

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❖ Elaborazione

# Tre parole chiave per l'informatica

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- ❖ Elaborazione
- ❖ Automatica

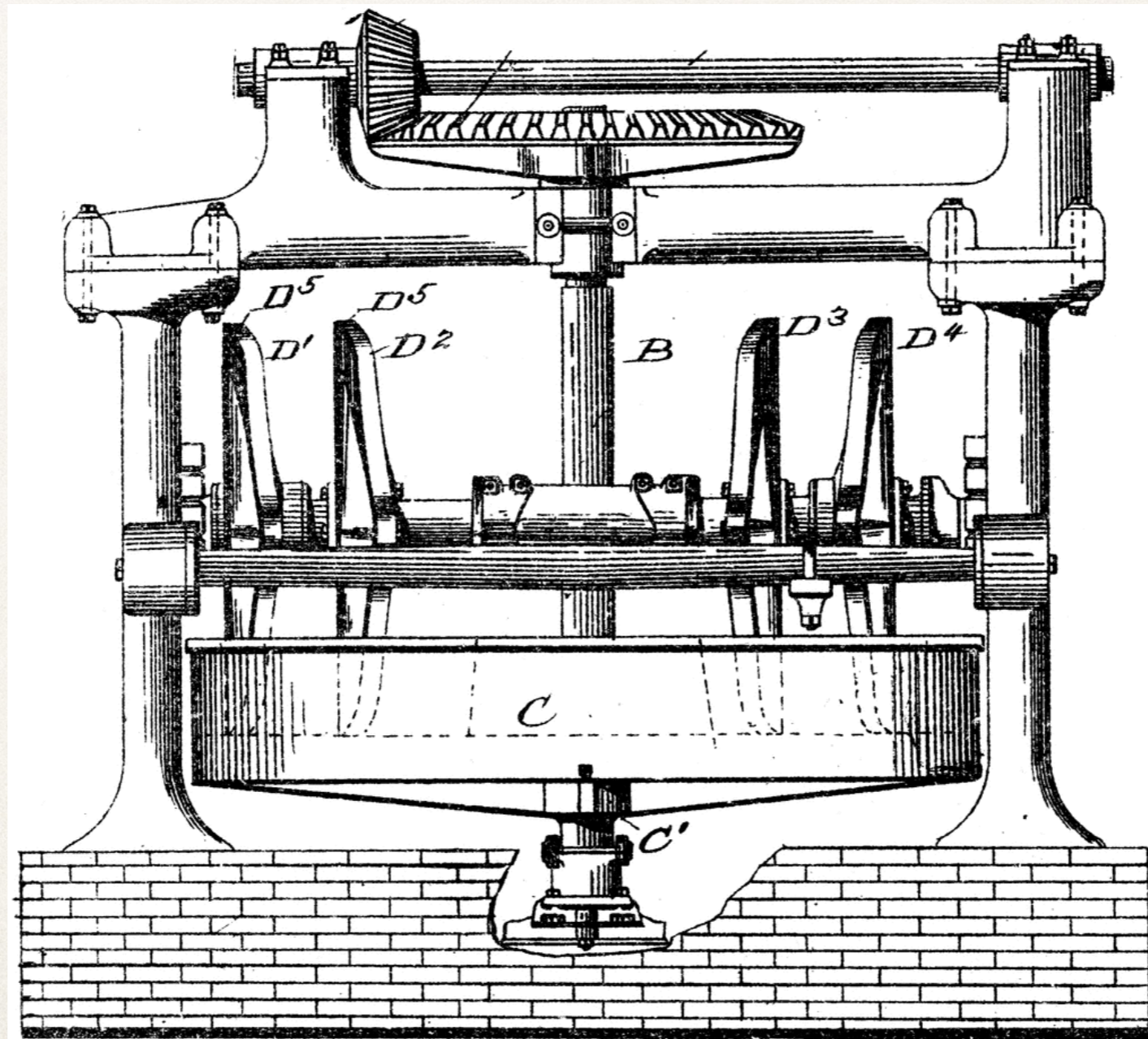
# Tre parole chiave per l'informatica

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- ❖ Elaborazione
- ❖ Automatica
- ❖ dell'Informazione

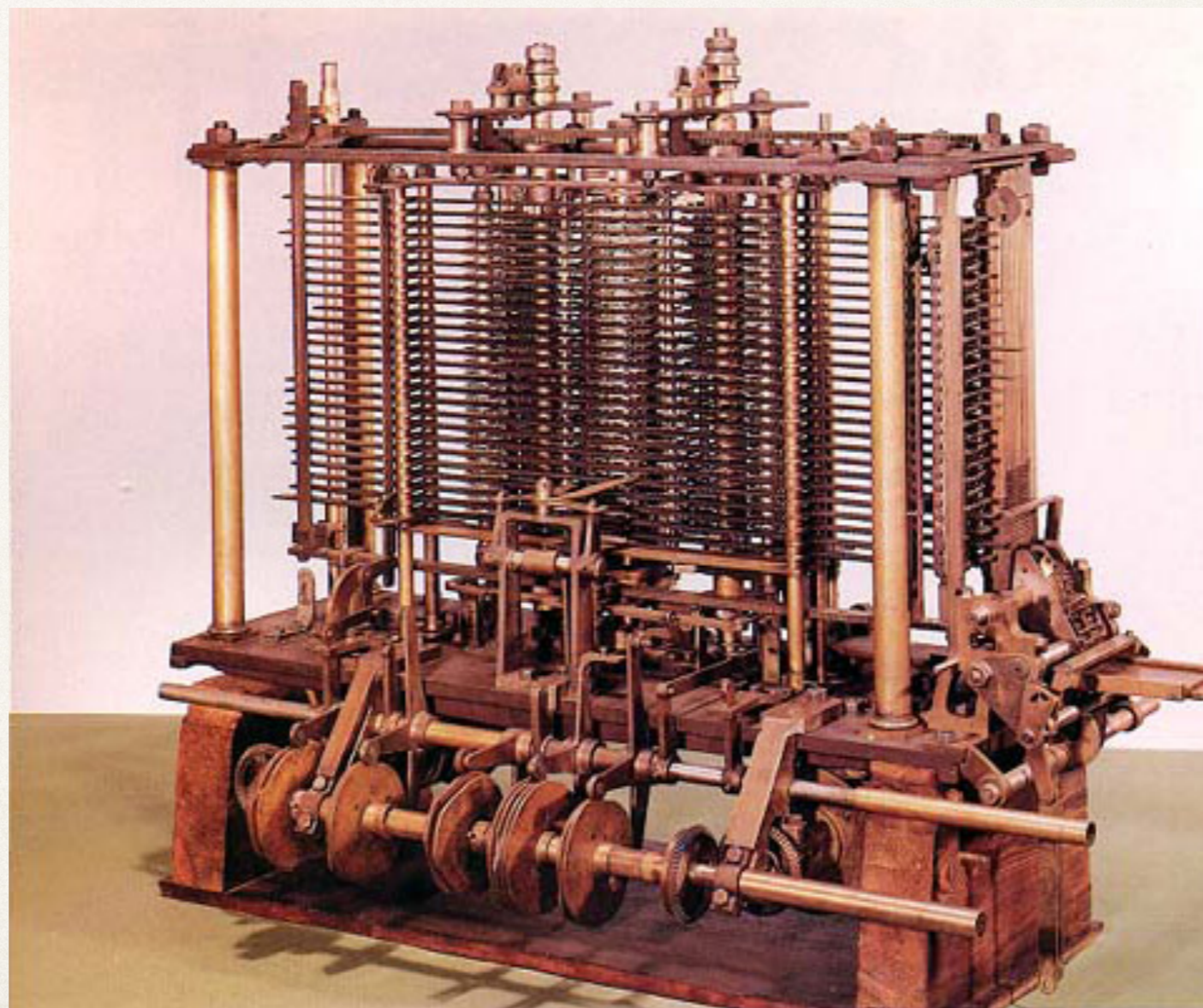
# Elaborazione

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# Automatica

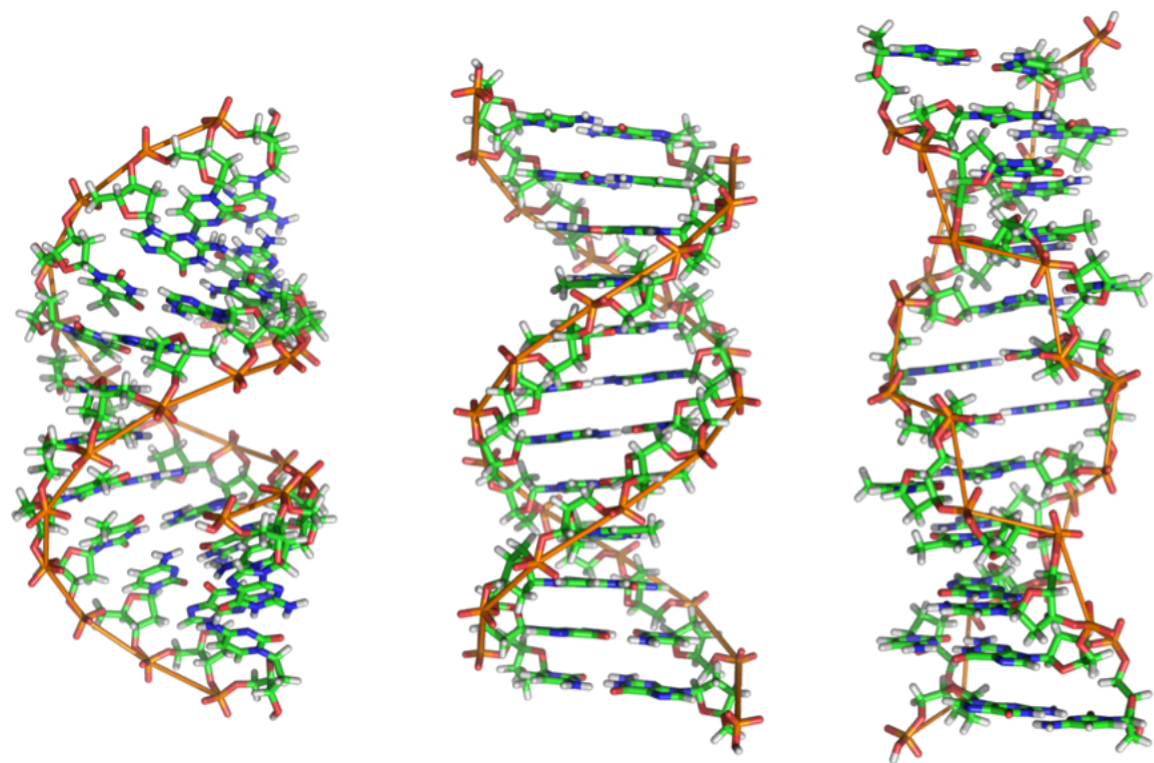
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# Informazione

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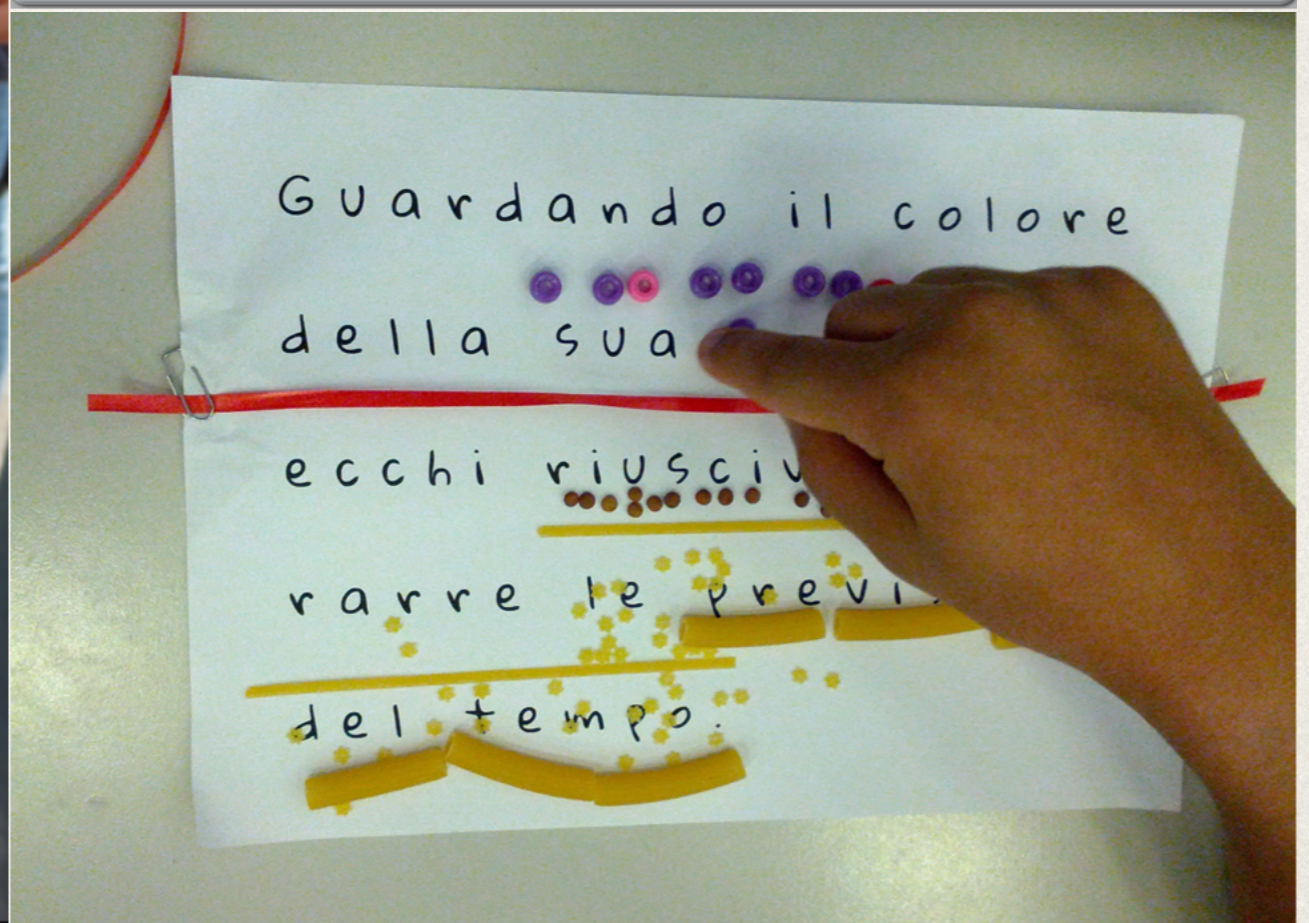
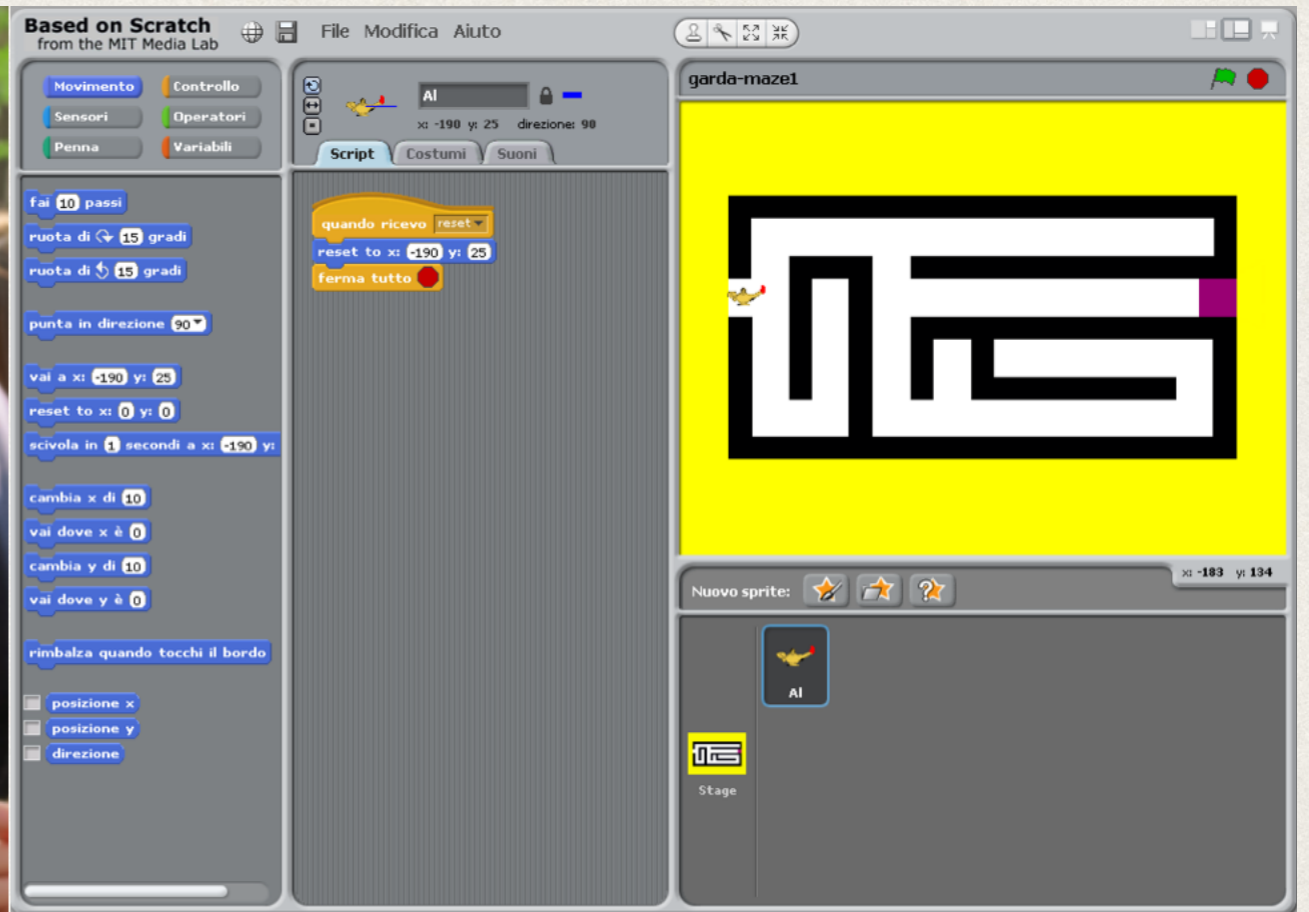


# Algomotricità

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“Esplorazione di un tema informatico: in prima persona, spesso manipolando oggetti concreti, con lavoro in piccoli gruppi. costruendo modelli interpretativi da mettere alla prova nel contesto guidato dell’attività”

*–Aladdin*



# Laboratori

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|              | IV-VII    | VIII-XI              | XII-XIII            |
|--------------|-----------|----------------------|---------------------|
| Elaborazione |           | monete golose        | Turing club         |
| Automatica   | labirinti | labirinti 2          |                     |
| Informazion  | wikipasta | grigliata d'immagini | campioni d'immagini |