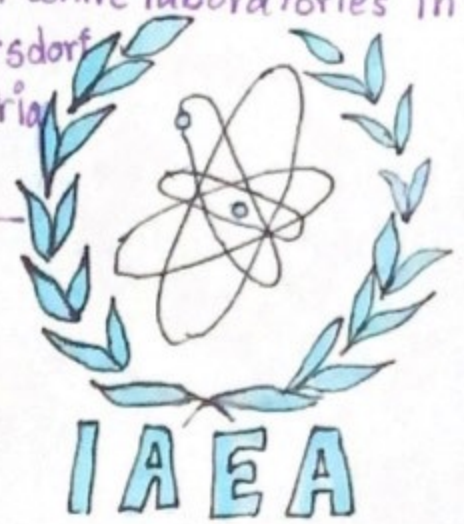




Arabidopsis thaliana is a type of cress that has been studied extensively by plant botanists and geneticists.

Joint FAO/IAEA Centre laboratories in Seibersdorf Austria



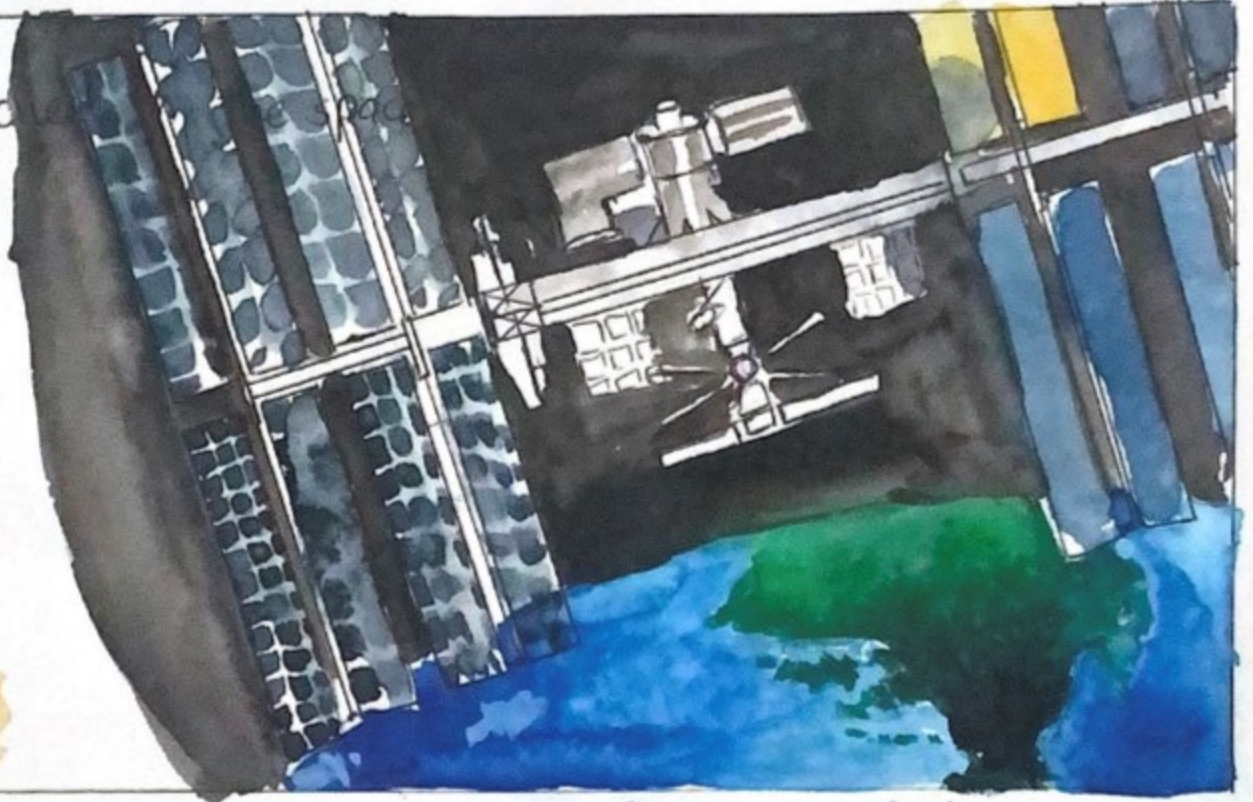
Seeds

Laboratories in Virginia, USA

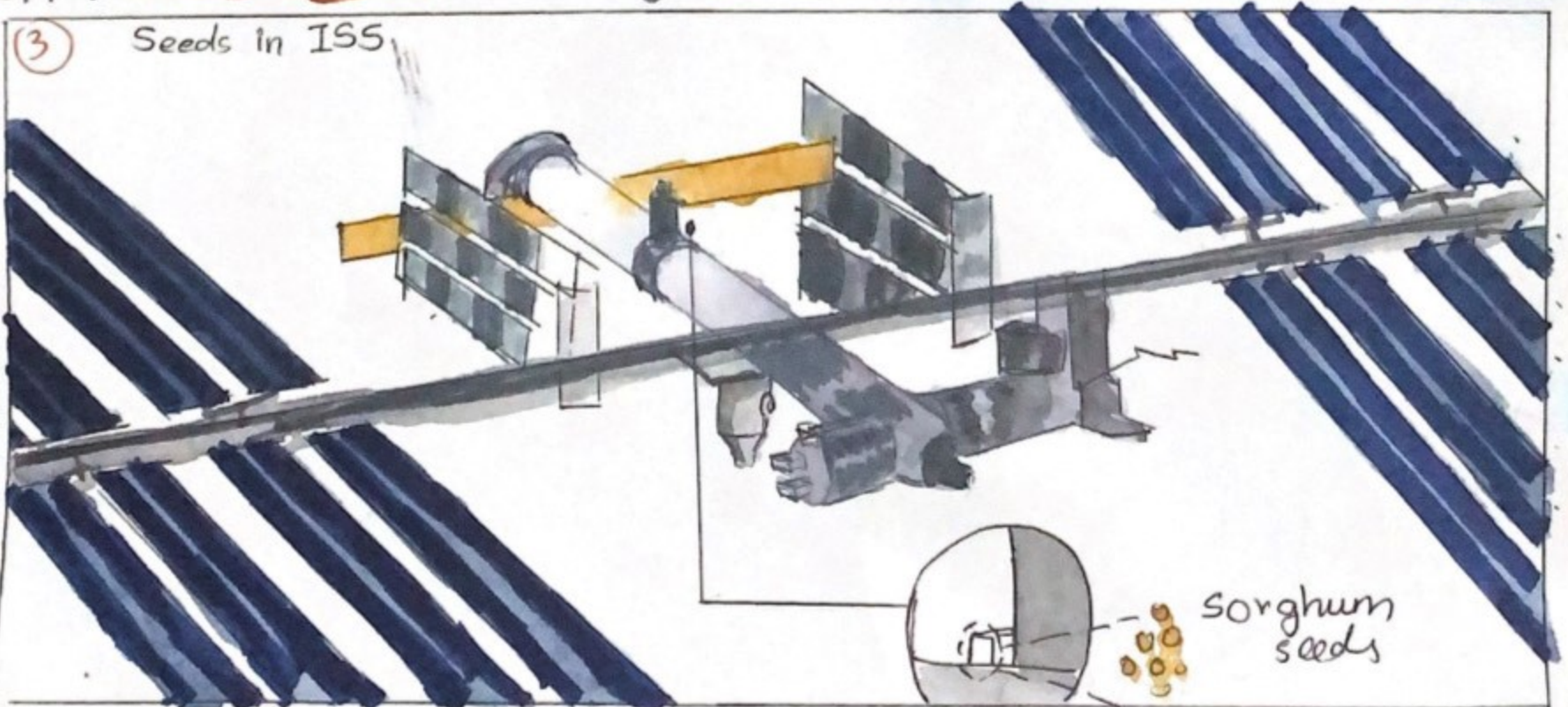
Sorghum, belonging to the family of millets, is a drought and heat tolerant grain.



② Seeds launched into space

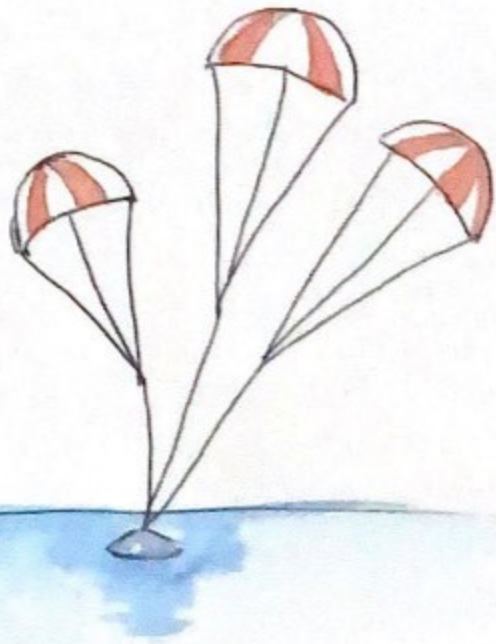


③ Seeds in ISS



sorghum seeds

(n)



SPLASH DOWN

(seeds taken to)

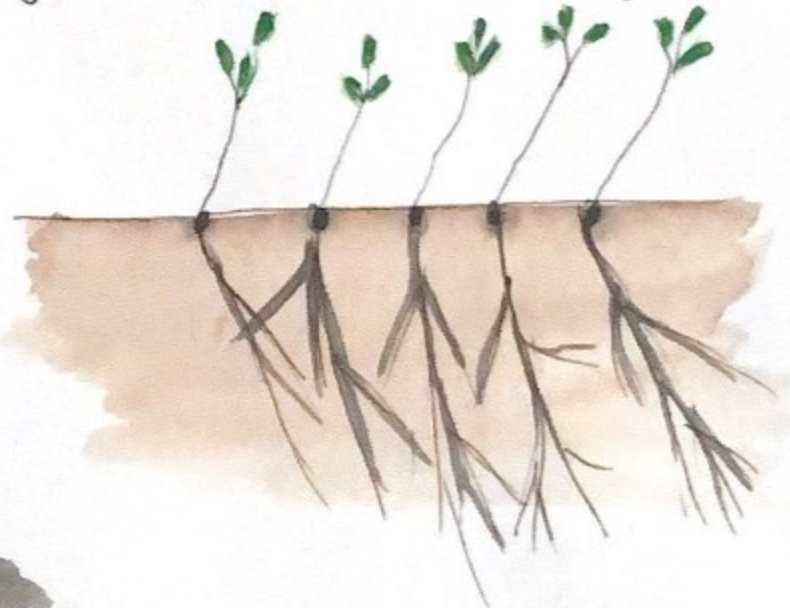
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(5) Arabidopsis Seedlings



Arabidopsis growing towards the source of light (in space). It will have green leaves



Plants grown in space

When plants are introduced to different conditions they adapt with them. In space to grow sometimes their genetic expression changes. We may get a more resistable variety of seeds but the radiation may or can shorten the size of the plant.

Without Radiation

With Radiation

