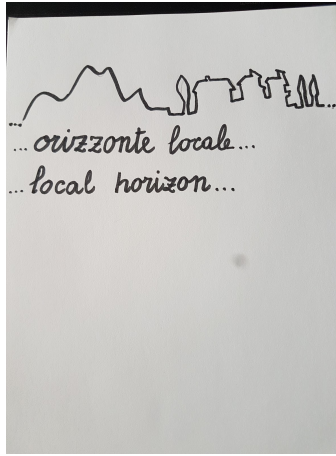


## S.T.E.A.M.



**TITLE:** LOCAL HORIZON

**THEME:** SCIENCE, ART

**GRADES:** 5th primary and 1st secondary school

**DURATION:** one hour for several day during the year

**MATERIALS:** Scheets of paper, transparent film, pencils, a good point of observation

**OBJECTIVES:** Develop the spirit of observation; recognize the changements in natural lighing; know the solar movements.

**DESCRIPTION:** All the kids observe what they can see around them along the skyline. Than, after they have found a point of reference, they try to reproduce on to a sheet of paper divided in quadrants, the position of the Sun at the same time for several days and in different season. In this way the kids can observe that the Sun changes its position during the year.

**Outdoors.** By turning slowly on yourself for a complete tour, looking at the space around you search the boundary between the Sky and the Earth, where you see that "the Sky touches the Earth".That line is your local horizon where you can see the Sun,the moon,the stars and the planet rising.

**EVALUATION:** After these observations, the kids can recognize the seasons by the Sun's movements.

