

Team Paper Plane Challenge - FAI-EduC

Goal :

Develop team spirit and creativity with youngsters interested in aeronautics by a simple, easy to do and ludic international challenge.

Description :

1st step:

Participants have to be a group of at least 10 children under 11 years old, under the responsibility of one adult. That group can be a school class or a group from a sportive or cultural association for instance.

The group have to create 10 paper-planes made by 10 different children and chronometer a flight of each of them launched by hand indoor, by 10 different children to.

These 10 flights have to be captured by a mobile-phone video as a proof for the flight times.

Each paper plane must be made of A4 80g piece of paper and must show the initials of its builder and a serial number. It can be also lithely decorated.

The 10 flight's times and 10 related videos have to be registered and uploaded on the EduC-FAI website.

Therefore one group must first declare itself the first time and publish its performances and then can improve it all the year long by uploading a new batch of 10 times + 10 videos, till the 31th of December.

By the beginning of the next year, the FAI publishes the winners of the elapsed year, and then second step of the challenge.

The 10 best teams are published with more details on the website and the 5 best teams will be given at the end of the second step, provided they participate to it, 5 ROOKY kits for each team, so they can participate at once to the FAI-CIAM (aeromodelling commission) Rooky Contest or enjoy the use of them the way they decide.

2nd step:

The 5 best teams will have to exchange their "how to do" tutos between them, each team will then be able to test various models of paper-planes. A forum online will be open during that time on the FAI EduC website where these 5 teams will discuss, under the responsibility of their chaperon adult, the choice of 15 different models, and decide who, in each team will make 3 of them.

This dispatch must be made by the end of January and each 5 teams will have to register the 3 chrono+video of its dedicated models by the end of February.

The FAI will then publish the addition of the 15 chronometers as the **Year Team Chronometer** , to be beaten the next year.

Then, the FAI will reopen the process from step 1 for the new year challenge.

Spirit of the challenge :

Each group can upload additional files like texts or videos to describe their adventure, how they organise themselves to do the flights, how they make their planes, etc...

The FAI will publish along the year the most significant of them.

Thus, all along the year, one group will inspire another to make it different so as to improve their flights, their experience of this challenge.

Step 1 is the competitive part of it, even if these are groups which are in competition. Step 2 is the cooperative part of it, and it is thought to be demonstrative of what groups can achieve when they ally one to another.

This challenge is meant to be a first step as an experiment of such a challenge, to be developed, if a success, for older pupils, for instance with 2 sheets of paper + glue for the 11th to under 15th, and with 3 sheets of paper + glue for 15th to under 18th, the same way.