MODEL GLIDER COMPETITION 2026

Name of School : .....

Category: .....

Entry code: .....

Name of Supervising teacher and Signature: .....

Students Names and Signature: 1. .....

2. .....

3. .....

4. .....

Date :

School Seal and Signature :

Rajiv Gandhi Science Centre, Old Moka Road, Bell Village
E-mail: education@rgsctf.org Tel: +(230) 2132773 Fax: +(230) 2132726

Project :

Design, Build and Fly a Model Glider

MODEL GLIDER COMPETITION 2026

Why are you doing this project?

.....

.....

What key concepts and principles have you learned about aerodynamics?

.....

.....

If yes, give details of sources: Books, TV/Videos, Internet, other?

.....

.....

Has any member of your team ever built (not bought ready-made!) a model aircraft before?

.....

.....

How do you expect that this competition may help you in the future? In your exams? Or in a career?

.....

.....

.....

Materials used :

MODEL GLIDER COMPETITION 2026

List and describe all materials used in the construction of the model glider.
** The use of photos and illustrations are encouraged.*

This aircraft is of conventional layout (wings in front of tailplane)
Describe: .....
.....
.....
.....
.....
.....

Designing the Model Glider

Design

MODEL GLIDER COMPETITION 2026

Sketch of the projected model *(*The use of annotations and descriptions are encouraged.)*

Building the Model Glider

MODEL GLIDER COMPETITION 2026

Briefly describe and illustrate the building process and steps involved:

Flight test(s)

MODEL GLIDER COMPETITION 2026

Photos:

Flight Records:

Fine-tuning

Issues encountered	Solutions

For the model glider you are constructing:

i. Calculate the Aspect Ratio and show it on your sketch.

.....

.....

ii. Measure your Dihedral Angle

.....

.....

iii. Quantify your Angle of Incidence

.....

.....