

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.30 – 9.30	Morning extended care				
9.30 – 12.30	<ul style="list-style-type: none"> • Introduction to each other and the mission • Basic principles of flight • Experiment no1: helicopters 	<ul style="list-style-type: none"> • Presentation and discussion of glider designs • Workshop tour • Tool use and safety demo • Practice tool use and safety 	<ul style="list-style-type: none"> • Basics of catapults and ballistae • Measure, mark and cut wood according to drawings • Drill holes needed for machines 	<ul style="list-style-type: none"> • Tutorial • Work on ballistae • Work on foam gliders • Work on catapults 	<ul style="list-style-type: none"> • Test catapults • Test ballistae • Paint foam board gliders • If needed make adjustments to catapults and ballistae
12.30 – 13.30	Lunch break				
13.30 – 16.00	<ul style="list-style-type: none"> • Basic principles of gliders • Drafting tutorial • 123D tutorial • Drafting designs for gliders • 3D modelling designs for gliders 	<ul style="list-style-type: none"> • Cut and glue foam glider's body • Experiment no2: bottle rocket • Intro to launch and ballistics 	<ul style="list-style-type: none"> • Teams sand and assemble their foam glider • Experiment no3: parachutes and hot air balloons 	<ul style="list-style-type: none"> • Work on ballistae • Work on small sling gliders • Work on catapults 	<ul style="list-style-type: none"> • Practice launching our flying machines • Prepare for air show • Children present their experiments to their parents • Air show
16.00 – 18.00	Afternoon extended care				

