Objective:

On-board ranking of images based on different criteria and transmission of best images to ground during flight

Requirements:

• Mass = 1.5 kg per school
• Real-time ranking of images
• Transmission of highest ranked images during flight
• Storage of all images for comparison after flight

NASA Benefits:

Best use satellite contact times by only downlinking best data.

NASA Contacts:

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http://spacegrant.colorado.edu/demosat