



Boarshaw Community primary school - Flexible Friday Lesson Plan

Enrichment Activity: Lego club	Description: This course is designed to enable children to develop communication skills, using collaborative problem solving skills, sharing and turn taking. Children will work together to design and build structures each having the opportunity to share ideas with the group.	
Objectives: To promote; Communication, Teamwork, creativity, critical thinking and problem solving.	Date: 26.02.15 – 18.12.15	Duration: 6 weeks
Programme of Study:		
Progression of Learning and Teaching: Key Teaching Points		Resources needed
Week 1: To make a zip wire and build some models to slide down them. Test out slopes, gravity, tension plus engineering skills. Children to work in pairs. Who can build the biggest model? Make 2 or 3 zip lines and have races.		Lego and string
Week 2: To split into teams and work together to build a miniature Hogwarts. Children to make decisions about sizes of pieces and creatively design and build their own miniature Hogwarts. Children to look at pictures of structures and recreate their own out of Lego.		Lego
Week 3: Children to work in small groups and build bridges. Children to work in teams of 3 or 4 and design the bridge on paper before building it. The car needs to get from one table to another. Children to find ways of making the bridge stronger to hold the car.		Lego, tables, cars
Week 4: To build miniature animals, have ideas for children to look at then children to build their favourite animal. Can we tell what animals everyone has built?		Lego
Week 5: To work in small groups to design and build a park. Children to plan what they want on their park and what pieces of Lego they will use.		Lego, paper, pencils
Week 6: design and build unsinkable ships. Test the ships out in the water tray create waves and splashes.		Lego, water tray
Outcome: To showcase our work on the school website.		