

Generate a PROLOG program the solve the following problem below

As Amanda and four of her friends looked forlornly out the window on a rainy summer day, her mother decided it was time to break open the brand-new box of crayons and packet of construction paper she'd been saving for just such an occasion. Amanda's mother suggested that the children (each of whom is a different age between 6 and 10 years) think about the most beautiful thing they had ever seen and draw a picture of it. Each child spent the afternoon recreating a picture of a cherished memory, and when they were done, each signed his or her masterpiece using a different-colored crayon from the set. The children ended up brightening their day despite the inclement weather by creating such beautiful works! From the following information, determine the age of each child, the beautiful picture each drew, and the color of the crayon each used to sign his or her masterpiece.

1. The child who signed his or her work with the burnt-sienna crayon (who isn't the one who drew flowers) is younger than the one who autographed his or her work with a mauve crayon.
2. Joyce is older than the child who created a picture of a rainbow but younger than the one who drew a fountain.
3. The child who drew a peacock is older than Mindy but younger than the one who used the sea-green crayon to sign his or her name.
4. The child who made a picture of a beautiful sunset is younger than the one who signed his or her name with the cerulean crayon but older than the one who used the mauve crayon.
5. Neil is older than Jason but at least two years younger than the one who signed his or her work with a goldenrod crayon.

		AGE					PICTURE					CRAYON				
		6	7	8	9	10	FLOWERS	FOUNTAIN	PEACOCK	RAINBOW	SUNSET	BURNT SIENNA	CERULEAN	GOLDENROD	MAUVE	SEA GREEN
CHILD	AMANDA															
	JASON															
	JOYCE															
	MINDY															
	NEIL															
CRAYON	BURNT SIENNA															
	CERULEAN															
	GOLDENROD															
	MAUVE															
	SEA GREEN															
PICTURE	FLOWERS															
	FOUNTAIN															
	PEACOCK															
	RAINBOW															
	SUNSET															

CHILD	AGE	PICTURE	CRAYON