

Math Forward and Turn By Activity Book

In these activities students are challenged to set the numerical values in given scripts in order to recreate a set of given pen trails.

Goals: Analyzing familiar shapes with the dynamic terms of “forward by” and “turn by”.

This project can be used by 4th-5th graders as part of their Squeak programming curriculum and/or by Middle and High school students with no previous knowledge of Squeak.

Math Key Words: Angle, supplementary angles, negative and positive numbers

Squeak Key Words: Forward by, Turn by, Headings, Pen Trail

Grade Level: Elementary, Middle School, High School

NCTM Standards:

Measurements 3-12: Understand measurable attributes of objects and the units, systems, and processes of measurement

Squeak Project: Math Forward and Turn Activity Book

Related projects: Squeak Geometry Challenge (Word)