list of commands for the translation into spanish and italian:

Svenska	English	Italian	Spanish
fram	forward	avanti	adelante
höger	right	destra	derecha
vänster	left	sinistra	izquierda
bak	backward	indietro ?	?
upprepa( ) { }	repeat ( ) { }	ripeti ( ) { }	repetir ( ) { }
hoppa	jump	salta	salto
def kvadrat = upprepa(4) {fram;höger}	def square = repeat(4){forward;right}	def quadrato = ripeti(4){avanti; destra}	def cuadrado = repetir(4){avanzar; derecha}

Worksheet 1

Control your friend with the following sequence:

Sequence 1	Sequence 2	Sequence 3 (Write your own sequence and test)	Sequence 4 (Write your own sequence and test)
forward right forward left forward right forward left	back right forward forward right backward left forward forward forward left		

Guide your friend through the path

Write your code here:

Guide your friend through the path (conclusion)

forward
forward
forward
forward
forward
right
forward
forward
forward
right
forward
left
forward
forward
left
forward
right
forward
left
forward
right
forward
forward
forward

worksheet 2

We move on the chessboard – chessboard on paper or a regular chessboard with chess piece tower

task 1: write a sequence that moves the tower

a) from A2 till H8

b) from D3 till B8

c) from H7 till C1

Task 2: student 1 moves the tower from B3 to E 8 in any way. Student 2 writes down the sequence , got it right? Switch places.

task 3: on which square does the tower end up?

a)   Start box C4:

forward, forward, left, forward, forward, left, backward, forward , forward   goal box: (   )

b)   Start box E5:

left, forward, right, forward, forward, left, backward, backward   goal box: (   )

c)   Start box C4:

forward, forward, right, forward, forward, left, forward, forward   goal box: (   )

worksheet 2 lesson 4 - solutions

 task 1: write a sequence that moves the tower

a)   from A2 to H8 (one possible solution:)

forward	forward	forward	forward	forward	forward	right	forward	forward	forward	forward	forward	forward	forward

b)   from D3 to B8(one possible solution:)

forward	forward	forward	forward	forward	left	forward	forward						

c)   from H7 to C1(one possible solution:)

backward	backward	backward	backward	backward	backward	left	forward	forward	forward	forward	forward		

Task 2:

student 1 moves the tower from B3 to E 8 in any way. Student 2 writes down the sequence. Got it right?

task 3: on which square does the tower end up?

a)   Start box C4:

forward, forward, left, forward, forward, left, back, forward , forward   goal box: (A5   )

b) Start box E5:

left, forward, right, forward, forward, left, backward, backward   goal box: (F7)

c)   Start box C4:

forward, forward, right, forward, forward, left, forward, forward   goal box: (E8)